Revised Edition

Southeast Asian Women Mathematicians

CV Collection 2021

Editors:

Budi Nurani Ruchjana

Kiki Ariyanti Sugeng

Edi Kurniadi

Firdaniza

UNPAD PRESS

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PREFACE

The Asian Women Mathematicians Forum is initiated on July 30, 2016, at the 7th Asian Mathematical Conference (AMC), Nusa Dua Bali, Indonesia. After that, the event is continued on July 30, 2019, and the event name has established as the First Southeast Asian Women Mathematicians Meeting ($SEAWM^2$). This event is in line with the 8th Southeast Asian Mathematical Society-Universitas Gadjah Mada (SEAMS –UGM) International Conference on Mathematics, Yogyakarta, Indonesia. Since then, the meeting is intended to be held regularly. In 2020, the 2nd $SEAWM^2$ is planned to be organized in line with AMC 2020 in Vietnam. Unfortunately, the AMC is canceled due to the pandemic Covid-19. However, the 2nd $SEAWM^2$ is still going online on July 10th, 2021 and hosting collaboration by Southeast Asian Mathematical Society (SEAMS), the Indonesian Mathematical Society (IndoMS), Department of Mathematics Universitas Padjadjaran, Department of Mathematics Universitas Indonesia, and Committee for Women in Mathematics International Mathematical Union (CWM IMU) for Indonesia. All of these meeting are supported by the CWM IMU (https://www.mathunion.org/cwm).

The 2nd $SEAWM^2$ is a realization of the participation of women mathematicians in developing mathematics and applications in various fields as well as the role of mathematics in human development in Southeast Asia. The forum also shares best practices as well as research experiences done by women mathematicians in Southeast Asia from both developed and developing countries. The Second $SEAWM^2$ 2021 meeting's objective is to continue establishing a network of women mathematicians in Southeast Asia to support activities of the Asian-Oceanian Women in Mathematics (AOWM) which is discussed in the First Asian-Oceanian CWM Ambassador Meeting on 25-26 June 2021. The grant from CWM IMU is used to publish a book "Southeast Asian Women Mathematicians CV Collection 2021". The book is a collection of short curriculum vitae of women mathematicians in the Southeast Asian countries or ASEAN to highlight their contributions not only at the academic level (locally and internationally) but also their social services outreach.

The success of this event is supported from various parties, and we are very grateful for the support from Prof. Dr. Marie-Francoise Roy (the Chair of CWM IMU), Prof. Dr. Neela Nataraj (The CWM IMU Member), Prof. Dr. Motoko Kotani (The CWM IMU Member and the Committee of Asian-Oceanian Women in Mathematics), Prof. Dr. Maslina Darus (The President Southeast Asian Mathematical Society 2020-2021), Prof. Emeritus Dr. Polly Sy (Philippines), Prof. Emeritus Wanida Hemakul, MS (Thailand), Prof. Dr. Berinderjeet Kaur (Singapore), Prof. Dr. Dato Noraini Idris (Malaysia, the President STEM Malaysia), Prof. Dr. Indah Emilia Wijayanti (Indonesia, the President of IndoMS) as the speakers in the 2nd $SEAWM^2$ 2021.

We also grateful with the support from Prof. Dr. Schehrazad Selmane (North Africa Vice President African Women in Mathematics Association), The president of the mathematical society in ASEAN countries, Dean of Faculty of Mathematics and Natural Sciences - Universitas Indonesia, Dean of Faculty of Mathematics and Natural Sciences - Universitas Padjadjaran, a Head of Department of Mathematics Universitas Indonesia, a Head of Department of Mathematics Universitas Padjadjaran, Assoc. Prof. Yanhui Wang and Assoc. Prof. Chunmei Gong from China, Guest participant from Bangladesh, India, Iraq, Kazakhstan, Nepal, Oman, and Taiwan, all excellent mathematician women in ASEAN who sending their curriculum vitae, the Organizing Committee, Publisher Unpad Press and all of the participants for attending the meeting.

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Report from the Coordinator of 2nd Southeast Asian Women Mathematicians Meeting (SEAWM^2)

The Second Southeast Asian Women Mathematicians Meeting (SEAWM^2) is a meeting of women mathematicians from 10 ASEAN countries and is attended by participants from various countries in Asia and Oceania region. This meeting was funded by the Committee in Women for Mathematics International Mathematical Union (CWM IMU) and received a grant of Euro 1,690. The meeting was attended by participants from 19 countries: Bangladesh, Brunei Darussalam, Cambodia, China, India, Indonesia, Iraq, Japan, Kazakhstan, Laos, Malaysia, Myanmar, Nepal, Oman, Philippines, Singapore, Thailand, Taiwan, and Vietnam. There were 391 participants, with 352 female participants, and 39 male participants. The recapitulation of participants consisted of academics with academic qualifications of 240 doctorates, 147 masters and 2 undergraduates, including 43 professors with 23 research interest.

The event was officially opened by The Presidents of SEAMS (Southeast Asian Mathematical Society) 2020-2021, Prof. Dr. Maslina Darus from Universiti Kebangsaan Malaysia, and continued with a presentation from the Member of CWM IMU Prof. Neela Nataraj from IIT Bombay–Monash Research Academy India. The Sharing Experiences of Women Mathematicians in ASEAN Countries and Asian-Oceanian Women in Mathematics session, moderated by Dr. Kiki Ariyanti Sugeng from the Department of Mathematics, Universitas Indonesia. This event presented speakers Prof. Dr. Motoko Kotani (a Committee of Asian-Oceanian Women in Mathematics/AOWM from Tohoku University Japan), Prof. Em. Dr. Polly Sy (Philippines), Prof. Em. Wanida Hemakul, MS (Chulalangkorn University Thailand), Prof. Dr. Berinderjeet Kaur (Nanyang University of Singapore), Prof. Dr. Dato Noraini Idris (University of Malaysia), and Prof. Dr. Indah Emilia Wijayanti (Unversitas Gadjah Mada Indonesia).

The Second SEAWM^2 meeting was also filled with the launch of the book "Southeast Asian Women Mathematicians CV Collection 2021". This book is a collection of curriculum vitae

of women mathematicians in Southeast Asian or ASEAN countries to show their contribution not only in the academic (local and international) but also in the community service activities and social services in professional organizations in the field of mathematics, that have been carried out both at the national level as well as in the international level.

In this CV collection, 128 CVs of women mathematicians from 11 countries were collected. The book published by the Unpad Press Universitas Padjadjaran. This book was officially launched by Prof. Dr. Maslina Darus (Universiti Kebangsaan Malaysia) as President of SEAMS 2020-2021. The 558-pages book collection of women mathematicians' CVs, with ISBN: 978-623-352-018-8, arranged by country in ASEAN and supported by CV data from 2 participants from China is presented in the following table.

Table 1. Collection CV of Women Mathematicians at ASEAN Countries in the SEAWM^2

Country	Number of CV
Brunei Darussalam	2
Cambodia	2
Indonesia	36
Laos	1
Malaysia	17
Myanmar	1
Philippines	12
Singapore	1
Thailand	39
Vietnam	15
China	2
TOTAL	**128**

The committee would like to thank all those who have supported this activity and apologize for any limitations in its implementation during the Covid-19 pandemic that occurred throughout the world. Hopefully, the SEAWM^2 activity provides an opportunity for researchers and students to discuss and collaborate between institutions and between countries in ASEAN and the Asia-Oceania region. Stay safe and keep the spirit.

Bandung, 31 August 2021

Budi Nurani Ruchjana

Coordinator of the Second SEAWM^2 2021

Foreword from the Southeast Asian Mathematical Society (SEAMS) President 2020-2021

This book is a collection of short curriculum vitae of women mathematicians at the Southeast Asian countries or ASEAN per say. It is intended to highlight their contributions not only at the academic level (locally and internationally) but also their social services outreach. The book contains about 128 CV collections and I am sure this may not be the first or the last of such collections. We hope that there will be more edition in the future so that more collection can be done. This book serves as the *Who*'s *Who*'s of women mathematicians for the Southeast Asian region. It is our vision and hope to establish stronger collaborations among the women mathematicians towards similar research interest or multidiscipline area of studies. This book is to honour women mathematicians who have contributed significantly throughout their careers and those who will continue to contribute in the years to come.

Efforts to publish this collection have received encouragement from several parties who support SEAMS activities. Thus on behalf of SEAMS, we would like to express our gratitude to the Indonesian Mathematical Society (IndoMS), Department of Mathematics. Universitas Padjadjaran, and Department of Mathematics, Universitas Indonesia for the persistent and hard work to complete this book. We also would like to thank the Committee for Women in Mathematics International Mathematical Union (CWM IMU) for funding such event and finally the collection of the biodata. Our gratitude also goes to Professor Dr. Budi Nurani Ruchjana, the Indonesia Ambassador of CWM IMU for Indonesia and her team for their help and support. Thank you to all women mathematicians who has contributed their CV to materialise this book.

Prof. Dr. Maslina Darus
President,
Southeast Asian Mathematical Society
(SEAMS)
2020-2021

Foreword from the Committee for Women in Mathematics International Mathematical Union (CWM IMU) Member

As a representative of The Committee for Women in Mathematics International Mathematical Union (CWM IMU), I am delighted to participate at the Second Southeast Asian Women Mathematicians Meeting (SEAWM^2) held online on 10 July 2021. The Second SEAWM^2 activity is one of the supported activities of IMU CWM in the year 2020. This activity was proposed by the Southeast Asian Mathematical Society (SEAMS) in collaboration with the Indonesian Mathematical Society (IndoMS), Department of Mathematics Universitas Padjadjaran, Department of Mathematics Universitas Indonesia and the CWM IMU Ambassador for Indonesia.

This activity was originally planned as a part of the 8th Asian Mathematical Conference (AMC) in Vietnam in July 2020. However, due to the Covid-19 pandemic, the schedule for the 8th AMC was changed to 2021, and finally the 8th AMC was canceled. However, the second SEAWM^2 activity has been conduced very successfully in online mode. A support of 1,690 Euros from IWU CWM has been utilized for this.

The aims of second SEAWM^2 activity-to build a communication forum for women mathematicians in ASEAN countries and to support the Asian-Oceanian Women in Mathematics, held online from 25-26 June 2021 have been successfully fulfilled. In addition, this activity has published a book entitled “The Southeast Asian Women Mathematicians CV Collection 2021” which contains a short curriculum vitae in education, research and community service activities both at the national and international levels. We hope that this activity can be organized continuously and the book can also be updated with complete data of women mathematicians from all ASEAN countries and can be extended to the Asia-Ocenia region.

Prof. Dr. Neela Nataraj

CWM IMU Member

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : BRUNEI DARUSSALAM

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: BRUNEI DARUSSALAM

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ID Google Scholar	: o1LhSSYAAAAJ
h- index Scopus	: 14

Short Biography

Dr Masitah Shahrill is a Senior Assistant Professor and Teacher Educator at the Sultan Hassanal Bolkiah Institute of Education (SHBIE), Universiti Brunei Darussalam (UBD). She obtained her BSc (Hons) and MSc in Pure and Applied Mathematics from University of Northumbria at Newcastle and University of Reading in the UK, respectively. She joined UBD as a lecturer in August 2001 and later pursued her graduate studies (MEd and DEd) in Mathematics Education at the University of Melbourne, Australia. Dr Masitah was appointed as Senior Lecturer in August 2013, and as Senior Assistant Professor in October 2017.

Dr Shahrill has held several administrative appointments, for SHBIE as the Academic Group Convenor for Mathematics Education (March 2009 to December 2010), Programme Leader for Initial Teacher Preparation (January

2011 to June 2014), and Deputy Dean (Academic) (August 2014 to February 2015 and January to June 2018). Meanwhile for the Office of Assistant Vice Chancellor (Academic Affairs), UBD, she has served as the Director of Studies (February 2015 to June 2017 and July 2018 to June 2020), and the Head of Teaching and Learning Centre (July 2016 to July 2017).

Research and Publication

Dr Masitah Shahrill is passionate about raising the quality of teaching and learning of students and their development in the schools and in the higher education settings. She has supervised and is currently supervising several graduate students (Master and PhD) of SHBIE, and collaborated with almost all for international journal publications and presentations at international conferences.

Dr Shahrill's research interests are in teacher education, mathematics education, higher education, teaching and learning, assessment, classroom research, and youth practices and their education. The details of her publications can be found from the links below:

https://expert.ubd.edu.bn/masitah.shahrill
https://scholar.google.com/citations?user=o1LhSSYAAAAJ&hl=en
https://www.scopus.com/authid/detail.uri?authorId=55873798300
https://www.researchgate.net/profile/Masitah_Shahrill
https://publons.com/researcher/3843075/masitah-shahrill/ https://orcid.org/0000-0002-9395-0798

To date, Dr Masitah Shahrill has published more than 130 articles in international journals and conference proceedings, of which more than 90 are indexed by Scopus, and presented about 160 papers at international conferences (in-person and online), as sole author as well as in collaboration with academic colleagues and graduate students.

She is currently the Editor in Chief for the Southeast Asian Mathematics Education Journal published by the SEAMEO Regional Centre for QITEP in Mathematics, Yogyakarta, Indonesia.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	New norms and opportunities from the COVID19 pandemic crisis in a higher education setting: Perspectives from Universiti Brunei	Shahrill, M., Petra, M. I., Naing, L., Yacob, J., Santos, J. H., & Abdul Aziz, A. B. Z.	International Journal of Educational Management, 35(3), 700-712.	https://doi.org/10.1108/IJEM-07-2020-0347

		Darussalam			
2	2021	COVID-19: Educational practices and responses in Brunei Darussalam	Shahrill, M., Noorashid, N., & Keasberry, C.	In L. H. Phan, A. Kumpoh, K. Wood, R. Jawawi & H. Said (Eds.), Globalisation, education, and reform in Brunei Darussalam. Palgrave MacMillan	https://www.palgrave.com/gp/book/9783030771188
3	2020	How using comics can assist in determining the students' learning of distance-time graphs	Azamain, M. S., Shahrill, M., Musa, N. K. H., & Batrisyia, I.	Journal of Physics: Conference Series. (Vol. 1470, No. 1, p. 012005). IOP Publishing	https://iopscience.iop.org/article/10.1088/1742-6596/1470/1/012005/ pdf
4	2019	Pedagogical features that influence mathematics classroom practices - A Bruneian perspective	Shahrill, M., & Clarke, D. J.	Kasetsart Journal of Social Sciences, 40(2), 341-348.	https://so04.tcithaijo.org/index.php/kjss/article/view/242159
5	2018	Teachers' devotion to review lessons: Insights to the mathematics lessons in Brunei Darussalam	Shahrill, M.	Journal of Physics: Conference Series. (Vol. 1028, No. 1, p. 012158). IOP Publishing.	https://doi.org/10.1088/1742659 6/1028/1/012 158

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-Present	Editor-inChief	Southeast Asian Mathematics Education Journal (SEAMEO	http://journal.qitepinmath.org/index.php/seamej

			Regional Centre for QITEP in Mathematics (SEAQiM), Yogyakarta, Indonesia)	
2.	2017-Present	Advisory International Editorial Board	Journal on Mathematics Education (Universitas Sriwijaya, Palembang, Indonesia)	https://ejournal.unsri.ac.id/index.php/jme/about/editorialTeam
3	2019-Present	Associate Editor	Jurnal Pendidikan Matematika (Universitas Sriwijaya, Palembang, Indonesia)	https://ejournal.unsri.ac.id/index.php/jpm/about/editorialTeam
4	2020-Present	Member	International & Comparative Education Research Group, UBD	https://ice.ubd.edu.bn/masitah-shahrill/
5	2018-Present	Co-Chair for Topic Study Group (TSG) 18 – *Students' Identity, Motivation and Attitudes towards Mathematics and It's Study*	International Program Committee (IPC) of ICME-14, the 14th International Congress on Mathematical Education, to be held in Shanghai in 11-18 July 2021.	https://www.icme14.org/static/en/news/37.html?v=1624935583799

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2021	Chair 1 for Social Science Track	International	International Teleconference on Technology and Policy for Supporting Implementation of COVID-19 Recovery Plan in Southeast Asia	https://www.conference.ittpcovid19.net/app/index

				(ITTPCOVID19), 6 – 8 August 2021	
2	2021	Country Partner	International	Australia-ASEAN Academics Forum: Online Education during COVID-19 and Beyond	https://australiaasean.org/
3	2018-2019	Faculty Research Grant Project	Local	SHBIE, UBD	
4	2015-2016	Gold	Local	Brunei Top 100 Leader (B100) Programme, Prime Minister Office, Brunei Darussalam	
5	2015	Distinction	International	Coursera 'Learning to Teach Online' 6-week online course, UNSW Australia	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: BRUNEI DARUSSALAM

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Field-2	: Non-routine mathematics tasks
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h- index Scopus	: 4

Short Biography

Maureen Chong Siew Fang is a senior education officer at Department of Educators Management, Ministry of Education, Brunei Darussalam. She was born in Brunei Darussalam on 20th November 1976. She graduated in Ph.D. in Education from Universiti Brunei Darussalam on 2017. Her doctorate thesis title was Integrating a Local Mathematics Framework in Developing Students' Competency in Problem Solving in Brunei Darussalam. Her research interest includes mathematical problem-solving skills and designing of non-routine mathematical tasks for primary, secondary and pre-university students. In her free time, she continues to learn new knowledge and skills by attending courses in mathematics education. Recently, in June 2021, she completed 20 online lessons on Teaching Mathematics to Develop Mathematical Thinking as Higher Order Thinking: How do you teach? Why? by the SEAMEO network in conjunction with Center for Research on International Cooperation in Educational Development (CRICED) and University of Tsukuba.

In 2016, she joined Brunei Darussalam Teacher Academy (BDTA) as Lead Mathematics Facilitator in developing and conducting professional development courses for mathematics teachers. From 2016 to 2018, she has trained more than 500 mathematics teachers in two main courses

entitled mathematical problem-solving skills and developing higher order thinking skills in mathematics. In 2017, she was trained as Lead Trainer in co-delivering the Literacy and Numeracy Coaching Programme courses to approximately 160 English Language and Mathematics teachers.

Later in 2018, she got promoted as Senior Education Officer to lead the Database Management Unit under Human Resource Development Division in Ministry of Education. Under her leadership, the Database Management Unit managed to create a basic human resource management system.

In 2019, she was assigned to lead the newly established unit called Specialist Unit in Department of Educators Management, Ministry of Education. The role of the Specialist Unit is to develop a systematic and cohesive progression plan in ensuring rigorous diverse career pathway for Education Specialists. This is in line to support the Ministry of Education in the development of competent Education Specialists in various specialisation areas as proactive leaders in their expertise to lead and manage changes in education trends.

On 23rd and 24th June 2021, the Specialist Unit hold the inaugural Education Specialists Seminar 2021 with the Honourable Minister of Education as the Guest of Honour. Under Maureen's leadership, with 60 working committee, together they invited about 420 guests comprising of Deputy Minister of Education, Vice Chancellors, Rector, Director General of Education, Directors, senior officers, senior teachers and educators for the seminar.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2019	The integration of a problem-solving framework for Brunei high school mathematics curriculum in increasing student's affective competency.	Chong, M.S.F., Shahrill, M., Li, H.-C.	Journal on Mathematics Education	
2	2018	Teaching problem solving using nonroutine tasks.	Chong, M.S.F., Shahrill, M., Putri, R.I.I., Zulkardi	AIP Conference Proceedings	

3	2017	Implementing inquiry-based learning and examining the effects in junior college probability lessons.	Chong, J.S.Y., Chong, M.S.F., Shahrill, M., Abdullah, N.A.	Journal on Mathematics Education	http://dx.doi.org/ 10.22342/jme. 8. 2.3964.157-164
4	2016	The use of an emerging framework to explore students' cognitive competency.	Chong, M.S.F., Shahrill, M.	Indian Journal of Science and Technology,	http://dx.doi.org/ 10.17485/ijst% 2F2016%2Fv9i16%2F78812
5	2015	The stability analyses of the mathematical models of hepatitis C virus infection.	Chong, M. S. F., Shahrill, M., Crossley, L. & Madzvamuse,A.	Modern Applied Science	http://dx.doi.org/ 10.5539/mas.v 9 n3p250

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016	Education Officer as Lead Trainer	Brunei Darussalam Teacher Academy	www.bdta.moe.gov.bn
2	2018	Senior Education Officer as Head of Database Management Unit	Human Resource Development Division, Ministry of Education	www.moe.gov.bn
3	2019	Senior Education Officer as Head of Specialist Unit	Department of Educators Management, Ministry of Education	www.moe.gov.bn
4	2020	Senior Education Officer as Head of Specialist Unit and Acting Assistant Director of Administration and Finance	Department of Educators Management, Ministry of Education	www.moe.gov.bn

5	2021	Senior Education Officer as Head of Specialist Unit and Acting Assistant Director of Planning and Career Development	Department of Educators Management, Ministry of Education	www.moe.gov.bn

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : CAMBODIA

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: CAMBODIA

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Research Interests:

Numerical Analysis and Approximation of ODEs/PDEs

Numerical Simulation and Optimization

Education

- Ph.D in Mathematics, Sogang University in August 18th, 2016
- M.Sc. in Mathematics, Sogang Universtiy in August, 2011.
- M.Sc. in Mathematics, first year at Royal University of Phnom Penh (2008) • Certificate of Pedagogy at the National Institute of Education,
- B.Sc. Mathematics, Royal University of Phnom Penh, 2000.
- Diploma of High School, Thmorkol High School, 1995.

Activities

1. Joining the Walailak Computational Science Summer School 2016 (WUCSS 2016), from the 4th to 5th April 2016 at the Large Scale Simulation Research Laboratory, National Electronics and Computer Technology Center, Bangkok, Thailand.
2. Joined the Summer School on Applied Mathematics and Science for Scientific Computing, the Philip- pines October 3rd-7th 2016 organized by the Interdisciplinary Center for Scientific Computing (IWR), Heidelberg University, Germany and Ateneo de Manila, Manila, The Philippines.
3. Joined the 9th International Conference on Science and Mathematics Education in Developing Countries on November, 4-6th, 2016 at Mandalay University, Mandalay, Myanmar.

4. Joined the 1st Angkor International Conference on Applied Mathematics and Statistics (AICAMS- 2016) on December, 8-10th, 2016 at Angkor Paradise Hotel,
5. Siem Reap, Cambodia.
6. Joined the International Conference in Mathematics and Applications(ICMA-2016) on December, 17-19th, 2016 at Royal River Hotel, Bangkok, Thailand.
7. Joined the Bangkok Summer School on Applied Mathematics & Computational Science, March 20-24, 2017, organized by Chulalongkorn University and the Interdisciplinary Center for Scientific Computing (IWR), Heidelberg University.
8. Joined the training program on Statistical Methodology and Data Processing in the Republic of Korea, April 2-19, 2017.
9. Joined the world meeting for women in Mathematics and the International Congress in Mathematics (ICM) at Rio de Janeiro, Brazil**,** 31 July to 9 August, 2018.
10. Joined the 11th ICMMEDC at National University of Laos, 1-4 November, 2018
11. The 2nd Angkor International Conference on Applied Mathematics and Statistics at Siem Reap, Cambodia, 19-21 November 2018.
12. Visited the International Science Programme and participated in the staff week of Uppsala University May 13-27, 2019.
13. Joined the 12th ICMMEDC at National University of Laos, October 20-November 3, 2019.

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2017	A Weighted Fourier Series with Signed Good Kernels	Chan, Sony and Rim, Kyung Soo	BKMS	https://doi.org/10.4134/BKMS. b160365

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017present	Coordinator	Southeast Asia Mathematics Network (SEAMN) in International Scientific Program (ISP)	
2	2016 - present	Staff	Departement of Mathematics at RUPP	
3	2001 - 2007	Teach	Thomorkol	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

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Research Interests:

Education

2019 – 2020	:	Graduated Master of Education in Mentoring, New Generation Pedagogical Research Centre (NGPRC), Phnom Penh
2015 – 2017	:	Graduated Master of Art in English, Norton University, Phnom Penh
2014 – 2015	:	Graduated Pedagogical Training in Mathematics, National Institute of Education (NIE), Phnom Penh
2011 – 2014	:	Graduated Bachelor Degree in English for Education, Phnom Penh International University (PPIU), Phnom Penh
2010 – 2014	:	Graduated Bachelor Degree in Mathematics, Royal University of Phnom Penh (RUPP), Phnom Penh
2007 – 2010	:	High School Diploma, Serey Monkul High School, Kandal

Other Training Course

Jun 2020	:	Successfully completed Soft skill and Leadership club, NGPRC, Phnom Penh
Dec 2011	:	Successfully completed Cambodia Scout course, RUPP, Phnom Penh
June 2009	:	Successfully gotten computer certificate, Foreign Language and Computer, Kandal

Work Experience

2020 – Present	:	Mathematics teacher and Educational Mentor, New Generation Preah Sisowath High School, Phnom Penh
2015 – 2019	:	Mathematics teacher, Serey Monkul High School, Kandal
2015 – 2019	:	Teacher of Khmer to foreigners, Gateway to Khmer (G2K), Phnom Penh
June 2013	:	Volunteer Teacher of English, Student Association of RUPP, Phnom Penh
2012	:	Volunteer support group, Handicap International (HI), Phnom Penh
May 2009	:	English and Computer teacher, Foreign Language and Computer School, Kandal

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : INDONESIA

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Phone/WA	:	+628164222948
Field-1	:	Algebra, Linear Algebra
Field-2	:	Teaching and Learning Algebra and Linear Algebra
ID Scopus	:	authorId=57191773278
ID Orcid	:	0000-0002-0421-2591
ID Google Scholar	:	user=I4L3bJQAAAAJ
h- index Scopus	:	1

Short Biography

Sri Wahyuni is Professor of Mathematics / Algebra at Department of Mathematics, Faculty of Mathematics and Natura Sciences, Universitas Gadjah Mada, Indonesia since 2003. She was born in Banyumas on June 19, 1959. She got a Ph.D. degree in Mathematics at The University of Graz, Austria University of Graz, Graz, Austria (https://www.uni-graz.at/en/#) in the year 1996 with the Ph.D. Disertation entitled On Similarity of Matrices over Principal Ideal Domains. She now focuses on research and research supervision on the area of Algebra especially on The Ring and Module and Related topic. She also has an interest on teaching learning algebra (algebraic structure and linear algebra). Professor Sri Wahyuni has been awarded some research grant since 2007 from the Ministry of Research and the Higher Education Republic of Indonesia, and research grant of university level. She is also an external examiner of Ph.D. defense at some universities in Indonesia.

Professor Sri Wahyuni also has experiences in the university management as the Chair of The Department Mathematics for 2 (two) periods, and as the vice deans of the faculty of mathematics and natural sciences for 2 (two) periods. Now she is the chair of the Master Program in Mathematics Univertsity Gadjah Mada, and also as the Chair of Curriculum Commitee of The Department of Mathematics, the faculty of mathematics and natural sciences.

For the mathematical society, Professor Sri Wahyuni was a President of the Indonesian Mathematical Society (IndoMS) in 2002-2004, and 2004-2006, A council member of the Southeast Asian Mathematical Society (SEAMS) in 20072019. Beside that Professor Sri Wahyuni was one of Founder of the Indonesian Algebraist Society (KPA) on 1996, continuing the activity initiated by Prof. Ahmad Arifin (ITB), Prof. Soeparno Darmawidjaya (UGM), and Prof. Drs. Setiadji (UGM). The Indonesian Algebraist Society now is the most active subsocitey of the Indonesian Mathematical Society. For international level, together with Prof. Edy Tri Baskoro, and Prof. Budi Ruchyana, Prof. Sri Wahyuni promotes the participation of the Indonesian Matehmatical Society to be active on IMU by initiating The Indonesian Mathematical Society to be the member IMU and aprticipation at ICM as well as on the AMC.

Prof. Sri Wahyuni has played an active role on the accreditation board (BAN) PT as assesor, and also played a role on curriculum development escepaciallly on formulating the IndoMS recommendation of minimal program learning outcome of mathematics study program. Beside publishing her paper on the journal or proceeding, Professor Sri Wahyuni also writing a books as effort of her to promote the field of algebra in Indonesia.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1.	2020	Strongly graded rings which are generalized Dedekind rings	Wahyuni, S., Marubayashi, H., Ernanto, I., Sutopo,	Journal of Algebra and its Applications, 2020, 19(3), 2050043	https://www.worldscientific.com/doi/epdf/10.1142/S0219498820500437
2.	2020	Positively Graded Rings which are Unique Factorizatio n Rings	Ernanto, I., Marubayashi, H., Ueda, A., Wahyuni, S.	Vietnam Journal of Mathematics (in press)	https://link.springer.com/article/10.1007/s10013020-00407-1
3.	2019	STRONGLY GRADED RINGS WHICH ARE MAXIMAL ORDERS	Hidetoshi Marubayashi, Sri Wahyuni, Indah Emilia Wijayanti, Iwan Ernanto	Scientiae Mathematica e Japonicae, 82 (2019) 3	https://www.jstage.jst.go.jp/article/isms/82/3/82_207/_article/char/ja

4.	2017	A PRIME ESSETIAL RING THAT GENERATES A SPECIAL ATOM	Wahyuni, S., Wijayanti, I.E., France-Jackson, H.	Bulletin of the Australian Mathematical Soviety, 2017, 95(2), pp. 214-218	https://www.cambridge.org/core/journals/bulletin-of-the-australian-mathematical-society/article/abs/prime-essential-ring-that-generates-a-special-atom/70AFE97E8B59CE228B8FA3BBCE67241B
5.	2015	RADICAL RELATED TO SPECIAL ATOMS REVISTED	HALINA FRANCE-JACKSON, SRI WAHYUNI and INDAH EMILIA WIJAYANTI	Bulletin of the Australian Mathematical Society, 91 (2015), 202-210	https://www.cambridge.org/core/journals/bulletin-of-the-australian-mathematical-society/article/radical related-to-special-atoms-revisIted/538F852629BABDFDF7D715A9001A6C45871

The Best five Organization Experience

Number	Year	Position	Organization	Link (if any)
1.	2020	Chair of Local Organizing Committee	"A CIMPA research school on Group Actions in Arithmetic and Geometry" Gadjah Mada University Yogyakarta, Indonesia February 17th-28th 2020	http://www.rnta.eu/Yogyakarta2020/info.html
2.	2016	Chair of Organizing Committee	"The Asian Mathematical Conference (AMC) 2016" BALI, INDONESIA, from Mon-Fri, July 2529, 2016.	http://www.amc2016.org/home/
3.	2015	Chair of Organizing Commitee	SEAMS School "Representation Theory", Department of Mathematics Universitas Gadjah Mada (UGM), Yogyakarta, Indonesia inNovember 9-17, 2015.	http://seams-school2015.fmipa.ugm.ac.id/ in cooperation with CIMPA

4.	2013	The Chair of Local Organizing Commitee	IICMA 2013 (IndoMS International Conference of Mathematics and Its Applications), Universitas Gadjah Mada, 6-8 November 2013.	
5.	2010	The Chair of Organizing Commitee	ICA 2010 (International Conference on Algebra) in honor of the 70th birthday of Professor Shum Kar Ping to be held in Yogyakarta, Indonesia on October 7-10, 2010, at Department Mathematics. Universitas Gadjah Mada, Yogyakarta, Indonesia.	http://ica2010.ugm.ac.id/drp/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2021	Research Grant entitled "Eksponen Lokal Masuk dan Scrambling Indeks Digraf Cayley Dwiwarna" (Sri Wahyuni, Yeni Susanti, Yogo Dwi Prasetyo)	National	Minitry of Research and Technologi Affair	https://si mlitabmas.ristekbr in.go.id
2	2021	Research Grant entitled "DUALISASI SUBMODUL PRIMA LEMAH DAN SUBMODUL KEDUA	National	Minitry of Research and Technologi Affair	https://si mlitabmas.ristekbr in.go.id

		LEMAH DALAM KOMODUL ATAS KOALJABAR" (Indah Emilia Wijayanti, Sri Wahyun, Dian Ariesta Yuwaningsi)			
3	2020	Research Grant entitled "Pelabelan-k Tak Reguler Sisi dan Pelabelan Graceful pada Graf Buku" (Sri Wahyuni, Lucia Ratnasari, Yeni Susanti,)	National	Minitry of Research and Technologi Affair	https://si bmas.ristek in.go.id
4	2019	Research Grant entitled "Representasi Group Dan Ring Pada Modul Atas Daerah Atas Daerah Ideal Utama Dan Aplikasinya Pada Masalah Pengkodean" (Tim: Sri Wahyuni, Indah E. Wijayanti, Naimah Hijriati)	National	Minitry of Research and Technologi Affair	https://si mlitabmas.ristekbr in.go.id
5	2015	Research Grant entitled "Sifat-Sifat Submodul Prima-S(N) Lokal Daam Modul Multiplikasi-S(N) dan **Dualisasinya"** (Tim: Indah E. Wijayanti, Sri Wahyuni)	National	Minitry of Research and Technologi Affair	https://si mlitabmas.ristekbr in.go.id

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

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Field-2	: Ethnomathematics
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ID Orcid	: http://orcid.org/0000-0001-7580-604X
ID Google Scholar	: KuVIWZsAAAAJ&hl=en
h-index Scopus	: 7

Short Biography

Budi Nurani Ruchjana is Professor of Statistics at Department of Mathematics, Faculty of Mathematics and Natura Sciences, Universitas Padjadjaran, Indonesia since 2007. She was born in Sumedang on December 23, 1963. She got a Ph.D. degree in Mathematics and Natural Sciences Institut Teknologi Bandung in Indonesia in the year 2002 with the Ph.D. thesis entitled The Generalized Space-Time Autoregressive Model and Its Application to Oil Production Data. She now focuses on research and research supervision in Group of Stochastic Modeling including Stochastic Processes, Time Series Analysis, Spatial Analysis, Spatio Temporal Analysis, and Ethnomathematics.

Professor Ruchjana has won awards in research grant since 2002 from the Ministry of Research and the Higher Education Republic of Indonesia, from the KNAW The Netherlands from the CRDF Global USA 2014-2015, and the European Union in the scheme of H2020 for the year 2019-2022 as a coordinator from a developing country in Research Innovation and Staff Exchange Social Media

Analytics (RISE_SMA) which Prof. Stefan Stieglitz from University Duisburg Essen as a Coordinator. She is also an external examiner of Ph.D. defense at some universities in Indonesia and the Netherlands.

Prof. Ruchjana also has experiences in the organization as a Head of the Department of Mathematics in 2002-2007, Dean of Faculty of Mathematics and Natural Sciences Universitas Padjadjaran in 2012-2016. For the mathematical society, Prof. Ruchjana was a President of the Indonesian Mathematical Society (IndoMS) in 2012-2016, A council member of the Southeast Asian Mathematical Society (SEAMS) in 2012-2016, a member of the Commission for Developing Countries International Mathematical Union (CDC IMU) in 2015-2018.

Prof. Ruchjana promotes the participation of women in STEM informally as an Ambassador of Committee Women in Mathematics International Mathematical Union (CWM IMU) for Indonesia since 2016. She is also active in Sundanese culture in the Kacapi Tembang D'Gbees group.

Research and Publication

Professor Ruchjana's research is on the Spatio Temporal Modeling and Its Applications and also in Ethnomathematics. Her mathematical works have been published in national and international journals and books. Her list of Publications can be found at:

https://scholar.google.co.id/citations?user=KuVIWZsAAAAJ&hl=en

The best six recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Application of the Ordinary Kriging method for prediction of the positive spread of Covid19 in West Java	B.N. Ruchjana, A.N. Falah, and A.S. Abdullah	Journal of Physics Conference Series, 1722 (2021), 012026	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012026/meta
2	2020	Multilevel model of dengue disease transmission in West Java province, Indonesia by means INLA	I.G.N.M. Jaya, B.N. Ruchjana, A. Setiawan Abdullah, N. Sunengsih	Communications in Mathematical Biology and Neuroscience 2020: 2020-97	http://scik.org

3	2019	Book "Penerapan gstat berbasis r untuk geostatistika dengan pendekatan spasial data mining"	Budi Nurani Ruchjana, Atje Setiawan Abdullah, Annisa Nur Falah	ALQAPRINT Jatinangor ISBN 978-602-6408-27-3	
4	2018	Implementation of Generalized Space Time Autoregressive (GSTAR)-Kriging Model for Predicting Rainfall Data at Unobserved Locations in West Java	Atje Setiawan Abdullah, Setiawan Matoha, Deltha Airuzsh Lubis, Annisa Nur Falah, I. G. N. Mindra Jaya, Eddy Hermawan and Budi Nurani Ruchjana	Applied Mathematics and Information Sciences, Vo. 12(3), p 607-615	http://www.naturalspublishing.com/Article.asp?ArtcID=14314
5	2017	Modeling of infectious diseases: a core research topic for the next hundred years	I Gede Nyoman Mindra Jaya, Henk Folmer, Budi Nurani Ruchjana, Farah Kristiani, Yudhie Andriyana	Chapter Book Regional Research Frontiers-Vol. 2, p. 239-255, publisher Springer, Cham	https://link.springer.com/chapter/10.1007/978-3-319-50590-9_15
6	2008	Consistency and asymptotic normality of least squares estimators in generalized STAR models	Svetlana Borovkova Hendrik P. Lopuhaä Budi Nurani Ruchjana	Statistica Neerlandica, Bo. 62 (4), p 482-508	https://onlinelibrary.wiley.com/doi/abs/10.1111/j.14679574.2008.00391.x

The best six organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016-now	Ambassador CWM IMU for Indonesia	Committee Women in Mathematics International Mathematical Union (CWM IMU)	https://www.mathunion.org/cwm
2	2016-now	Assesor	National Accreditation Organization (BAN PT)	https://satria.banpt.or.id/beranda
3	2015-2018	Member	Commission for Developing Countries International Mathematical Society (CDC IMU)	https://www.mathunion.org/cdc
4	2012-2016	Member Council	Southeast Asian Amthematical Society (SEAMS)	https://www.seams-math.org/
5	2012-2016	President	Indonesian Mathematical Society (IndoMS)	https://indoms.id
6	2012-2016	Dean	Mathematics and Natural Sciences Universitas Padjadjaran	http://www.fmipa.unpad.ac.id/fix/

The best nine awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2019-2022	Research Innovation and Staff Exchange_Social Media Analytics (RISE_SMA), Scheme H2020	International	Europen Union	https://social-media-analytics.org/
2	2019-2021	Integrated Ecoourism Management in Indonesia, Scheme Erasmus Plus	International	European Union	https://www.intem.org/
3	2015-2017	Interational Collaboration Research	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlibtabmas.ristekbrin.go.id
4	2015now	Academic Research Grant	Local	Rector of Universitas Padjadjaran	https://drpmi.unpad.ac.id
5	2004-2007	Mobility Programme	International	Royal Netherlands Academy of Arts and Sciences (KNAW) the Netherlands	https://www.knaw.nl/nl
6	2015	Copyright Generalized Space Time Autoregressive (GSTAR) Number 075641	National	Ministry of Law and Human Rights Republic of Indonesia	

7	2020	Copyright Development of GSTARI-ARCH Model Number 087428	National	Ministry of Law and Human Rights Repubic of Indonesia	
8	2021	Copyright the book Number 000134029	National	Ministry of Law and Human Rights Republic of Indonesia	https://staffs.unpad.ac.id/lppm/hki/cipta
9	2021	Copyright the software for ICWHDDA-X Virtual Poster Gallery Number 000224564	National	Ministry of Law and Human Rights Republic of Indonesia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY : INDONESIA

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Field-2	: -
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ID Google Scholar	: 7-lj778AAAAJ&hl
h- index Scopus	: 6

Short Biography

I have been started my career as a lecturer at the Department of Mathematics Universitas Gadjah Mada in 1994 and received a Deutsche Akademische Austauschdienst (DAAD) scholarship for a doctoral program in Germany. My dissertation entitled Coprime Comodules was successfully completed in 2006 at the Mathematisches Institut, Heinrich Heine University of Duesseldorf.

After that I play an active role in the development of the branch of mathematics, namely algebra, in Indonesia as the coordinator of the Indonesian Algebra Society (Komunitas Peminat Aljabar, KPA) from 2007 - 2011. Moreover, I am active in the professional organization of the Indonesian Mathematical Society (IndoMS). Currently, I have the mandate as President of IndoMS for the period 2020-2022 and also as Editor in Chief in the Journal of the Indonesian Mathematical Society (JIMS) (2019 - present).

In my institution, I am entrusted with developing an Algebra Research Group for two periods and more (2007 – 2010, 2011 – 2015, 2021) as Head of the Research Group. Meanwhile, I became Secretary of the Mathematics Department (2016 - 2020).

The commitment to developing algebra research can be seen from several research grants obtained, including from the DAAD for the Re-Invitation Program (2013) in Germany and from the Fulbright Senior Research Program (2016) for research visits to the Ohio University Center of Ring Theory and its Applications (OCRA), Athens, USA.

I was confirmed as a professor of mathematics on September 15, 2020 with an inaugural speech entitled Research and the Role of Abstract Algebra in the Development of Science in the Present and Future.

Research and Publication

My research when I took my doctorate was about the ring and prime modules and their dualizations, namely the coprime comodules and coalgebras. After I finished my study, I have developed various primeness of (sub) modules, for example weakly prime (sub) modules, endoprime (sub) modules, endocoprime (sub) modules in some algebraic structures.

I have also developed the clean ring and module, and now dualize the notions into comodules and coalgebras. When I looked into the structures involved in my research, there was a very strong relationship between the ring and the module category of the ring. The approach I use is the concept of a generator and the generalization. A significant result is the emergence of a definition of a relative basis which is expected to accommodate modules that do not have a conventional basis.

Recently, I conduct the ring fractions and types of orders, which were then generalized to become fraction modules over ring orders.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Finitely Generated Torsion-free Modules over Integrally Closed Domains	Wijayanti, I.E., Marubayashi, H., Ernanto, I., Sutopo,	Communication s in Algebra 48(8), pp. 3597– 3607.	https://www.tandfonline.com/doi/abs/10.1080/00927872.2020.1742346

2	2020	Positively Graded Rings Which are Maximal Orders and Generalized Dedekind Prime Rings	Wijayanti, I.E., Marubayashi, H., Sutopo,	Journal of Algebra and Its Applications 19 (8), 2050143.	https://www.worldscientific.com/doi/abs/10.1142/S0219498820501431
3	2021	On a Class of λ-Modules	Wijayanti, I. E., Ardiyansyah, M., Prasetyo, P. W.	Ukrains'kyi Matematychnyi Zhurnal 73 (3) 329 – 334.	http://umj.imath.kiev.ua/index.php/umj/article/view/51 3
4	2019	On S(0)-Weakly Second Submodules	Wijayanti, I.E., Yuwaningsih, D.A., Salmah,	Asian-European Journal of Mathematics 12(5), 1950072 (7 pages).	https://www.worldscientific.com/doi/abs/10.1142/S1793557119500724
5	2019	Strongly Graded Rings which are Krull Rings	Wijayanti, I.E., Marubayashi, H., Ernanto, I., Ueda, A.,	International Electronic Journal of Algebra Vol 25, 2019, 120 – 128.	https://dergipark.org.tr/en/pub/ieja/issue/41930/504135

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-2022	President	Indonesian Mathematical Society	https://indoms.id/
2	2021-2026	Editor in Chief	Journal of the Indonesian Mathematical Society	https://jims-a.org/index.php/jimsa
3	2019	Chair	SEAMS-UGM-ITB Summer Course in Coding Theory and Cryptography	https://mipa.ugm.ac.id/en/summercourse-in-codingtheorycryptography/
4	2017 - 2020	Coordinator	Algebra Joint Seminar (monthly)	

5	2007-2011	Coordinator	Indonesian Algebraic Society	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National / International	Award Giving Organization	Link (if any)
1	2019	World Class Professor Program	National	Indonesian Ministry of Education	
2	2016	Senior Research Program	International	Fulbright USA	https://www.aminef.or.id/indahemiliawijayanti/
3	2013	Re-invitation Program	International	DAAD Germany	
4	2018, 2019, 2020	Research Grant Scheme Fundamental Research	National	Indonesian Ministry of Education	
5	2002 -2006	Doctoral Program	International	DAAD Germany	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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ID Google Scholar	:	klwtR0AAAAJ
h- index Scopus	:	3

Short Biography

Intan Muchtadi-Alamsyah received M.Sc and PhD in Mathematics, Universite de Picardie, France. At present, she is assiocate professor in Algebra Research Group, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung. She also appointed as Vice President of South East Asian Mathematical Society, and member of International Center of Pure and Applied Mathematics (CIMPA). Her research topics are Representation Theory, Ring Theory and Applications of Algebra in Coding Theory and Cryptography.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	*A note on the construction of euclidean self dual skew-cyclic codes*	Irwansyah, I.Muchtadi-Alamsyah, A. Muchlis, A.Barra, D.Suprijanto	Applicable Algebra in Engineering Communication and Computering (Q2)	https://doi.org /10.1007/s00200-021 00495-7
2	2021	*Different exact structures on the monomorphism categories*	R. Hafezi, I. MuchtadiAlamsyah	Applied Categorical Structures (Q1)	
3	2020	*Group Signature Based Ethereum Transaction*	I. Muchtadi-Alamsyah, M.T. Imdad, S. Sutikno	International Journal on Electrical Engineering and Informatics (Q2)	
4	2019	*Stability and Vulnerability of Bird Flocking Behavio ur A Mathematical Analysis*	B.Erfianto, I. MuchtadiAlamsyah	Hayati Journal of Biosciences (Q2)	
5	2021	*On Linear Codes over* $Z_2^m + vZ_2^m$	S. Rosdiana, I.Muchtadi-Alamsyah, D. Suprijanto, A. Barra	IAENG International Journal of Applied Mathematics (Q3)	http://www.iaeng.org/IJAM/issues_v51/issue_1/IJAM_51_1_15.pdf

Publication in Book/ Book Chapter :

1. I.Muchtadi-Alamsyah, *AI dan Kriptografi sebuah survei*, in Artificial Intelligence di Masa Pandemi, ITB Press, 2021

2. I. Muchtadi-Alamsyah, Y.B.W. Tama, *Implementation of Elliptic Curve25519 in Cryptography,* in Theorizing STEM Education in 21st Century edited by K.G. Fomunyam, pp 301, Intechopen, UK, 2020 doi: 10.5772/intechopen.88614
3. I. Muchtadi-Alamsyah, D. Ray Susantio, T.A.Utomo, *Implementasi Pengiriman Pesan dan Seran gan pada Kriptografi Kurva Eliptik,* in Bunga Rampai FORMIND edited by K.Wikantika, 37-47, Penerbit ITB, 2016.

4. B. Rahardjo, Kuspriyanto, M. Paryasto, I. Muchtadi-Alamsyah, F. Yuliawan, Nopendri, *Pengantar Kurva Eliptik dan Lapangan Hingga dan Aplikasinya untuk Kriptografi,* Penerbit ITB, 2015

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018-2021	Vice President	South East Asian Math. Soc.	
2	2016-2018	President	Indonesian Math. Soc	
3	2011-2018	Head	Indonesian Algebra Soc (Komunitas Peminat Aljabar)	
4	2014-2015	Secretary	South East Asian Math. Soc.	
5	2018-now	member	Centre International de Mathematiques Pures et Appliquees (CIMPA)	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	**ITB International Research Grant (Principal Investigator/ P.I)**	International	ITB	
2	2021	**Research Grant Bank Indonesia (member)**	National	Bank Indonesia	

3	2018, 2014 and 2012	**Asahi Glass Foundation Research Grant (P.I)**	International	Asahi Glass Foundation	
4	2016	**ASEA-UNINET (P.I)**	International	ASEANEuropean Academic University Network	
5	2020, 2019 and 2016	WCU ITB Postdoc Program (as Host)	International	ITB	

WORK EXPERIENCE

- Faculty Member, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, 1998- present.
- Head of Master Program and Doctoral Program in Mathematics, Institut Teknologi Bandung (ITB), 2016-2020
- Junior Associate ICTP 2010-2016
- Research Associate at Tokushima Bunri University Japan 2010
- Research Associate at NTNU Norway 2005-2006
- Research Associate (EPSRC Research Fellowship and Leverhulme Trust Visiting Fellowship) at University of Leicester, 2004-2005

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Field-2	: Ethnomathematics; Realistic Mathematics Education
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ID Orcid	: 000-0003-1802-7757
ID Google Scholar	: https://scholar.google.com/citations?user=jTut1xsAA
AAJ&hl=en	
h-index Scopus	: 12

Short Biography

Professor Dr. Ratu Ilma Indra Putri, Since 2014, she has been a Professor in Mathematics Education, Faculty of Teacher Training and Education, Sriwijaya University. She was born in Palembang, South Sumatra, on August 14, 1969. In 2010, She completed the Doctoral Program at the State University of Jakarta, Educational Research and Evaluation Study Program, which researched the form of tests and Realistic Mathematics Education. Since becoming a lecturer, he has always carried out research, especially in Indonesian Realistic Mathematics Education (PMRI), Design Research, Lesson Study, PISA, TIMSS, and Ethnomathematics.

Prof. Dr. Ratu Ilma has won several research grants from Dikti since 2001, started from research by young lecturers, Competitive Grants, National Strategic Grants, and Postgraduate Grants, which explored the value of Indonesian wisdom in mathematics and about PISA and HOTs questions. He has also been sent by the government several times abroad to take part in the Postdoctoral Program at Utrecht University, the Netherlands, the European School session in Design Research at Jaen University Spain in 2013, and as a Tutor for Lesson Study for Learning Community in Tokyo, Japan in 2017. In addition, from 2004 until now, she is also active in

organizations both in the Indonesian Mathematical Society (IndoMS) and women's organizations. In 2014-2020 as Governor of the Indonesian Mathematical Society (IndoMS) South Sumatra, in 2020-2022 as Head of Curriculum Development and Learning at the International Mathematics Educators Society (IMES) Center, Since 2019 as an administrator of the Ethnomathematics Association. As a women's organizer who actively pays attention to women's development, She has been active since 2011-2021 as Vice-Chair of the Indonesian Women's Cooperation Agency of South Sumatra Province and Chair of the Indonesian Women's Graduate Association South Sumatra Province.

Research and Publication

Prof. Dr. Ratu Ilma Indra Putri focuses research on System Lesson Study for Learning Community originally from Japan. Also, she did a lot of research on studies in Realistic Mathematics Education and Ethnomathematics. In addition, she is a designer of high-level thinking problems based on the PISA and TIMSS frameworks. As a result, she has many publications such as books and journal articles at national and international levels. Her publications are listed as follows:

Scopus: https://www.scopus.com/authid/detail.uri?authorId=55874038900
Google Scholar: https://scholar.google.com/citations?user=jTut1xsAAAAJ&hl=en Publon: https://publons.com/researcher/1884657/ratu-ilma-indra-putri/

The best five recent publications in journals and books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2021	Designing a healthy menu project for Indonesian junior high school students	**Ratu Ilma Indra Putri** , Zulkardi, Ninik Purwaning Setyorini , Agyta Meitrilova , Ranni Permatasari, Sulafah Ansya Saskiyah, Duano Sapta Nusantara	Journal on Mathematics Education, Scopus Index, Q2	https://ejournal.unsri.ac.id/index.php/jme/article/view/13239/pdf

2	2021	Project-based mathematics learning: fruit salad recipes in junior high school	Poppy Trianti Rahayu, **Ratu Ilma Indra Putri**	Journal on Mathematics Education, Vo. 12. No. 1. Scopus Index, Q2	https://ejournal.uns ri.ac.id/index.ph p/j me/article/view /132 70
3	2020	Ethnomathematics of fish catching exploration in Musi River	Malalina, **R I I Putri,** Z Zulkardi and Y Hartono	5th Seminar Nasional Matematika dan Pendidikan Matematika (SENATIK) 2020 12-13 August 2020, Semarang, Indonesia	https://iopscience.iop .org/article/10.1088/1 742-6596/1663/1/012007
4	2020	How Students Work With Pisa-Like Mathematical Tasks Using Covid-19 Context	Zulkardi, Meryansumayeka, **Ratu Ilma Indra Putri**, Zahra Alwi, Duano Sapta Nusantara, Sahala Martua Ambarita, Yulianita Maharani, Linda Puspitasari	Journal on Mathematics Education, Vol. 11, No. 3. Scopus Index, Q2,	https://ejournal.uns ri.ac.id/index.ph p/j me/article/view /129 15
5	2019	Two Decades of Realistic Mathematics Education in Indonesia	Zulkardi Ratu Ilma Indra Putri Ardi Wijaya	Chapter Book: International Reflections on the Netherlands' Didactics of Mathematics. Pp 325-340.	https://link.springer .com/chapter/10.1007%2F978-3-03020223-1_18

6	2019	School Mathematics Curricula	Zulkardi Ratu Ilma Indra Putri	Chapter Book : Asian Perspective and Glimpses of Reform ISBN : 978-981-13-6312-2. Publisher Sprinfer, Singapore	https://link.springer/book/10.1007/978-981-13-6312-2
7	2017	Interesting and Meaningful Mathematics Learning (Context Using Stories and Game)	Ratu Ilma Indra Putri Zulkardi	Siletto Book ISBN : 979-587-679-1	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020- now	Vice head of Curriculum Development and Learning	Indonesian Mathematics Educators Society	https://i-mes.org/organisasi/strukturorganisasi/
2	2016-now	Interviewer	Lembaga Pengelola Dana Pendidikan (LPDP)	https://www.lpdp.kemenkeu.go.id/i n/home
3	2012-2020	Governor	Indonesian Mathematical Society (IndoMS)	https://indoms.id/
4	2014-2018	Head of Mathematics Education Master Program	Faculty of Teacher Training and Education, Sriwijaya University	

The best five awards, including research grant and copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2012-2013	National Strategy Grant	National	Ministry of Research, technology and the Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.i d/
2	2014-2015	International Research Collaboration	International	Ministry of Research, technology and the Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.i d/
3	2015-2019	Postgraduate grant	National	Ministry of Research, technology and the Higher Education Republic of Indonesia	https://simlias.ristekbrin.
4	2018 now	Academic Research Grant	Local	Rector of Universitas Sriwijaya	https://sim.lppm.unsri.ac.id/2020/
5	2017	Copyright Interesting and Meaningful Mathematics Learning (Context Using Stories and Games) Number 000118075	National	Ministry of Law and Human Rights Republic of Indonesia	
6	2020	Copyright Realistic Mathematics Learning for Elemntary School (Asian Games Context)	National	Ministry of Law and Human Rights Republic of Indonesia	

		Number: 000118032			
7	2019	Copyright PISA Type HOTS Math Questions (Asian Games Sports Branch Context) Number 000126650	National	Ministry of Law and Human Rights Republic of Indonesia	
8	2021	Copyright Television and Film Media Broadvast Works Number 000141494	National	Ministry of Law and Human Rights Republic of Indonesia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Field-1	:	Linear Algebra, Ring and Module Theory
Field-2	:	Algebraic System Theory
ID Scopus	:	6602659378
ID Orcid	:	-
ID Google Scholar	:	-
h- index Scopus	:	4

Short Biography

Pudji Astuti is Professor of Linear Algebra at Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, Indonesia since 2010. She was born in Purwokerto, Central Java, on April 1, 1961. She got a Ph.D. degree in Engineering (Control Systems) From Faculty of Engineering, Australian National University, Canberra, Australia in 1997 with the Ph.D. thesis entitled the convergence and control of a class of hybrid dynamic systems. She now focuses on research and research supervision in Module Theory and Linear Algebra including research on structures and properties of bilinear and indefinite inner product spaces by using module theory approach.

Professor Astuti has won awards in research grant since 1997 from Institut Teknologi Bandung and from the Ministry of Research and the Higher Education Republic of Indonesia. She is also an external examiner of Ph.D. defense at some universities in Indonesia and Malaysia.

In the area of administration and organization, Prof. Astuti was a Head of the Department of Mathematics in 2002-2005, Vice Dean Academic Affair of Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung in 2006-2010, Dean of Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung in 2010, and Dean of Graduate School, Institut Teknologi Bandugn in 2011-2020. Currently Prof. Astuti is the head of Algebra Research Group of Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung.

Research and Publication

Professor Astuti's research is on invariant subspaces and their generalization in modules, bilinear and indefinite inner product spaces, and several class of modules and their application in Algebraic system theory. Her mathematical works have been published in national and international journals and proceedings.

Her list of Publications can be found at:
https://www.scopus.com/authid/detail.uri?authorId=6602659378
https://scholar.google.co.id/citations?user=X4o0CvkAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal /Publisher	Link
1	2021	On bases and the dimensions of twisted centalizer codes	A. Muchlis, G. Pradananta, P. Astuti, D. Suprijanto	Finite Fields and their Applications/ Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S1071579721000563?via%3Dihub
2	2020	Continuous-like linear operators on bilinear spaces	Sabarinsyah, H. Garminia, P. Astuti	Journal of Mathematical and Fundamental Sciences/ Institut Teknologi Bandung	http://journals.itb.ac.id/index.php/jmfs/article/view/10246
3	2015	Hyperinvariant subspaces of locally nilpotent linear transfomations	P. Astuti, H.K. Wimmer	Linear Algebra and its Applications/ Elsevier	https://www.sciencedirect.com/science/article/pii/S0024379515005157?via%3Dihub

4	2015	Characteristic subspaces and hyperinvatian t frames	P. Astuti, H.K. Wimmer	Linear Algebra and its Applications/ Elsevier	https://www.sciencedirect.com/science/article/pii/S0024379515003109 ?via%3Dihub
5	2015	Characteristic invariant subspaces generated by a single vector	P. Astuti, H.K. Wimmer	Linear Algebra and its Applications/ Elsevier	https://www.sciencedirect.com/science/article/pii/S0024379514001803 ?via%3Dihub

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016-	Head of Algebra Research Group	Institut Teknologi Bandung	
2	2011-2020	Dean of Graduate School	Institut Teknologi Bandung	
3	2010	Dean of Faculty of Mathematics and Natural Sciences	Institut Teknologi Bandung	
4	2006-2010	Vice Dean Academic Affair	Institut Teknologi Bandung	
5	2002-2005	Head of Department of Mathematics	Institut Teknologi Bandung	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

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Field-2	: Optimization
ID Scopus	: 55757054500
ID Orcid	: 0000-0001-7727-2598
ID Google Scholar	: EShn850AAAAJ
h- index Scopus	: 5

Short Biography

Christiana Rini Indrati is a professor at the Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada, Yogyakarta, Indonesia. She got her Ph.D. in mathematics in 2002 at Universitas Gadjah
Mada. Her Ph.D. thesis is entitled The Henstock-Kurzweil Integral in the nDimensional Euclidean Space. Her main research is in the theory of integral. She also has interest in functional analysis and topology. She has published many research papers in integral and its application, especially in the theory of differential equations. She is active in academic meetings by attending and presenting her papers in seminars, national and international.

Christiana Rini Indrati has also some experiences in organization. She was a secretary of the IndoMS (Indonesian Mathematical Society) in period 2002 – 2006, and the became a vice president of the IndoMS in period 2008 – 2012.

She managed the Journal of the IndoMS (JIMS) as managing editor in 2002 – 2006 and became the executive editor of JIMS in 2009 – 2017. Right now she is a member of the Scientific Board of KAMINDO (Keluarga Analisis Matematika Indonesia – A Group of Indonesian Mathematics Analysis).

At the Department of Mathematics, Universitas Gadjah Mada (UGM), she has an experience as the head of Undergraduate Study Programme in
Mathematics in 2016 – 2021. Right now, she is the head of the Doctoral Study Programme in Mathematics, FMNS – UGM.

She also pays attention in Mathematics Olympiad. She is involved in the National Math Olympiad for university students as a member of Jury Team and a trainer for students who are going to the IMC (International Mathematics Olympiad). She is also a member of the Indonesian Student Research Competition Jury Team (since 2016).

Research and Publication

Prof. Christiana Rini Indrati works on the Theory of integral and its application. She also works in optimization, including graph. Her mathematical works have been published in national and international journals and books.

The list of her publications can be found at:

https://scholar.google.co.id/citations?user=EShn850AAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal /Publisher	Link
1	2020	Contraction Quasi Semigroups and Their Applications in Decomposing Hilbert Spaces	**Sutrima**, Christiana Rini Indrati, and Lina Aryati	Azerbaijan Journal of Mathematics V. 10, No 1, 2020, January ISSN 2218-6816	http://web.a.ebscohost.com/ehost/detail/detail?vid=0&sid=d1749d1a-6bb3-4a36-bfdc3b8114b0ff3e%40sessionmgr4008&bdata=JnNpdGU9ZWhvc3QtbGl2ZQ%3d%3d#AN=141408003&db=a9h

2	2020	Strongly continuous quasi semigroups in optimal control problems for nonautonomous systems	**Sutrima**, Christiana Rini Indrati, and Lina Aryati	**Asian-European Journal of Mathematics** https://doi.org/10.1142/S1793557121501230	https://www.worldscientific.com/doi/abs/10.1142/S1793557121501230
3	2019	The Relationship between the Kunugi Integral and the Countably Lipschitz Integral	Ch. Rini Indrati	Proceeding of the 8th SEAMS-UGM Conference 2019 AIP Conference Proceedings **2192**, 050002 (2019); https://doi.org/10.1063/1.5139144	https://aip.scitation.org/doi/pdf/10.1063/1.5139144
4	2018	Controllability and Observability of Nonautonomous Riesz-Spectral Systems	**Sutrima**, Christiana Rini Indrati, and Lina Aryati	Hindawi Abstract and Applied Analysis, Volume 2018, Article ID 4210135, 10 pages https://doi.org/10.1155/2018/4210135	https://www.hindawi.com/journals/aaa/ 2018/4210135/
5	2016	The Countably Lipschitz Integral	Ch. Rini Indrati dan Lina Aryati	*Global Journal of Pure and Applied Mathematics*, Volume 12, Number 5 (2016), pp. 39913999. ISSN 0973-1768	https://www.ripublication.com/gjpam16/gjpamv12n5_11.pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	4 January 2021 – 3 January	Head of Doctoral Study Programme in	Universitas Gadjah Mada	https://math.fmipa.ugm.ac.id/dpmat

	2026	Mathematics		h/en/chair-andsecretary/
2	2018 - Present	Scientific Board	Kamindo (Keluarga Analisis Matematika Indonesia – A group of Indonesian Mathematics Analysis)	https://kamindo.org/profil/scientificboard/
3	2013 - Present	Math Review	AMS	http://www.ams.org/publications/math-reviews/mathreviews
4	2009 -2017	Executive Editor of JIMS (Journal of the Indonesian mathematical Society)	IndoMS (Indonesian mathematical Society)	https://jims-a.org/index.php/jimsa
	2002 - 2006	Managing Editor of JIMS (Journal of the Indonesian mathematical Society)	IndoMS (Indonesian mathematical Society)	https://jims-a.org/index.php/jimsa
5	2008 - 2012	Vice President of the IndoMS – Foreign Affairs	IndoMS (Indonesian mathematical Society)	https://indoms.id/
	2002 - 2006	Secretary of the IndoMS	IndoMS (Indonesian mathematical Society)	https://indoms.id/

The best five awards including research grant and/or copyright

Number	Year	Award	Local /National/ International	Award Giving Organization	Link (if any)
1	2016-2017	Competency Based Research *(Penelitian Berbasis KompetensiPBK)*	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://penelitian.ugm.ac.id/en/ministry-ofresearchandhighereducation/

2	2018-2019 (member)	National Standard Research *(Penelitian Standar NasionalPSN)*	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://penelitian.ugm.ac.id/en/m inistry-ofresearchandhigher education/
3	2019	BPPTNBH	National grant which is distributed to appointed universities by RISTEKDIKTI	Ministry of Research, technology and Higher Education Republic of Indonesia via UGM	/mipa.ugm.aimpul/index.
4	2021, 2009 - 2018	Research Grant	Local	Faculty of Mathematics and Natural Sciences	http://mipa.ugm.ac.id/ simpul/index.php?
5	2012,	BOPTN – Collaboration Research	Local	Universitas Gadjan Mada	
	2007 - 2008	DIKS-Research			

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

Name	: Prof. Dr. Sri Redjeki Pudjaprasetya
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Field-1	: Non-linear wave
Field-2	: Conservative schemes
ID Scopus	: 6602418897
ID Orcid	: https://orcid.org/0000-0001-6346-0272
ID Google Scholar	: U_WQ9GoAAAAJ&hl=en
h- index Scopus	: 8

Short Biography

Sri Redjeki Pudjaprasetya is an academic professor at Bandung Institute of Technology, Indonesia. She holds a PhD degree in Applied Mathematics from University of Twente, the Netherlands; Masters and Bachelors degrees in Mathematics from Bandung Institute of Technology, Indonesia. Her research interests includes: numerical modelling of flow and transport, conservative schemes, nonlinear waves, computational fluid dynamics.

Research and Publication

The list of publication can be found in
https://scholar.google.com/citations?user=U_WQ9GoAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Wave focusing in a closed bay, a case study of tsunami in Palu Bay	S.R. Pudjaprasetya, D. Adytia, N. Subasita	Taylor & Francis	In press
2	2021	Numerical Simulation of Propagation and Run-Up of Long Waves in UShaped Bays	S.R. Pudjaprasetya, Vania M. Risriani, Iryanto	mdpi	https://doi.org/10.3390/fluids6040146
3	2021	Analysis of Cell Transmission Model (CTM) for Traffic Flow Simulation	Ady Sulton Maulana, S.R. Pudjaprasetya	Cambridge University Press	DOI: 10.1017/S1446121000080
4	2020	Staggered conservative scheme for simulating the emergence of a jamiton in a phantom traffic jam	N. Malvin, S.R. Pudjaprasetya	Springer	DOI: 10.1007/s13177020-00229-y
5	2020	Staggered Conservative Scheme for 2-Dimensional Shallow Water Flows	N. Erwina, D. Adytia, S.R. Pudjaprasetya, T. Nuryaman	mdpi	https://doi.org/10.3390/fluids5030149

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018	Chair	7th ICMNS	https://portal.fmipa.itb.ac.id/icmns2018/
2	2016-now	Head	Industrial and Financial Mathematics Research Group	https://www.itb.ac.id/kelompokkeilmuanmatematikaindustri-dankeuangan

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020	Multidiscipline Research Grant	local		
2	Almost every year	Institut Teknologi Bandung research grant	local		
3	Almost every year	Directorate General of Higher Education	National		

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Phone/WA	: +628886835039
Field-1	: Dynamic Game
Field-2	: Optimization
ID Scopus	: 25923560200
ID Orcid	: http://orcid.org/0000-0002-5774-4321
ID Google Scholar	: YZNlS6EAAAAJ&hl=id&oi=ao
h- index Scopus	: 5

Short Biography

Salmah is Professor of Mathematics at Department of Mathematics, Faculty of Mathematics and Natura Sciences, Universitas Gadjah Mada, Indonesia since 2016. She was born in Surakarta on June 15, 1964. She got a Ph.D. degree in Mathematics and Natural Sciences Institut Teknologi Bandung in Indonesia in the year 2006 with the Ph.D. thesis entitled Optimal Control of Descriptor Regulator System for Dynamic Game (*Kontrol Optimal Sistem Regulator Deskriptor untuk Permainan Dinamis*). She now focuses on research in Group of Applied Mathematics.

Research and Publication

Professor Salmah has won awards in research grant since 2008 from the Ministry of Research and Technology, Ministry of Research and the Higher Education Republic of Indonesia, from the KNAW The Netherlands. The research including national and international collaboration with Tilburg University, Delft University, Netherland and Konkuk University, Korea.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Non parameterfilled function for global optimization	Ridwan Pandiya, Widodo, Salmah, Irwan Endrayanto	Applied Mathematics and Computation, Volume 391, /Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0096300320305968
2	2020	Book "Teori Sistem Kendali Linear dan Aplikasinya"	Salmah	Gadjah Mada University Press	
3	2013	Nash Equilibrium of Discrete Time Two-Person Game for Descriptor Systems	Salmah	International Journal of Applied Mathematics and Statistics (IJAMAS), Vol.35, Issue No. 5 /CESER Publications	http://www.ceserp. com/cp-jour/index.php?journal=ijamas&page=article&op=view&path%5B%5D=1537
4	2013	Necessary and Sufficient Conditions for Feedback Nash Equilibria for the Affine-Quadratic Differential Game	Muhammad Wakhid Musthofa, Salmah, Jacob Engwerda, Ari Suparwanto	Jurnal Optim Theory and Applications, Vol. 157, No.2 /Springer	http://link.springer.com/article/10.1007/s10957-0120188-1
5	2009	The Open-Loop Linear Quadratic Differential Game for index one Descriptor Systems	Jacob Engwerda, Salmah	Automatica Vol.45, Number 2 /Elsevier	http://www.sciencedirect.com/science/article/pii/S0005109808004925

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	1990 - now	member	Indonesian Mathematical Society (IndoMS)	https://indoms.id/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2018	World Class Professor	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.i d/
2	2015 - 2017	International Research Collaboration	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.i d/
3	2010 - 2012	International Research Collaboration	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.i d/
4	2008 - 2009	Mobility Programme	International	Royal Netherlands Academy of Arts and Sciences (KNAW) the Netherlands	https://www.knaw.nl/nl
5	2008	Best Collaborative Research	Local	Universitas Gadjah Mada	https://www.ugm.ac.i d

6	2007 - 2008	Joint Research Grant Program	National	Ministry of Research and Technology Republic of Indonesia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Phone/WA	:	+628156558264
Field-1	:	Applied Mathematics: Mathematical Modeling and Control System
Field-2	:	Biomathematics
ID Scopus	:	8255360300
ID Orcid	:	https://orcid.org/0000-0002-4372-6501
ID Google Scholar	:	CczqHJ4AAAAJ&hl=id
h- index Scopus	:	5

Short Biography

Widowati is a Professor at the Department of Mathematics, Faculty of Sciences and Mathematics, Universitas Diponegoro Semarang, Central Java, Indonesia since 2014. She was born in Kebumen on February 14, 1969. She got a Ph.D. degree in Mathematics Departement, Mathematics and Natural Sciences Faculty, Institut Teknologi Bandung, Indonesia in the year 2005 with the Ph.D. thesis entitled Model and controller order reduction for linear parameter varying system.

She now focuses on research in Group of applied mathematics including mathematical modelling, optimization, control system and biomathematics. She has published more than 46 reputable International Journals/ reputable International Proceedings/ International Journals and 6 ISBN- books. In addition, the research results also have been obtained more than 20 patents/ intellectual property rights. Prof. Widowati has won awards in research grant since 2002 from the Ministry of Research and the Higher Education Republic of Indonesia. She is also an external examiner of Ph.D. defense at some universities in Indonesia.

Prof. Widowati also has experiences in the organization as a Head of Mathematics Department Faculty Science and Mathematics, Diponegoro University (year period 2008-2011), Vice Chairman of Indonesian Mathematics Society (INDOMS) in Central Java Area

(Year Periode 2009-2015), Vice Dean for Resource of Faculty Science and Mathematics, Diponegoro University (Year Periode 20112015), Dean of Faculty Science and Mathematics, Diponegoro University (Year Periode 2015-2019), Dean of Faculty Science and Mathematics, Diponegoro University (Year Periode 2019-2024).

Research and Publication

Prof. Widowati's research is on a Mathematical Modeling; Control system: theory and Its Applications and also in Biomathematics. Her mathematical works have been published in the national and international journals and books.

Her list of Publications can be found at:

https://www.scopus.com/authid/detail.uri?authorId=8255360300

https://scholar.google.co.id/citations?user=CczqHJ4AAAAJ&hl=id

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Piecewise objective optimisation model for inventory control integrated with supplier selection considering discount	Sutrisno, Widowati, Heru Tjahjana, R	International Journal of Logistics Systems and Management, Volume 38, Issue 1, 2021, Pages 65-78	https://www.inderscience.com/info/inarticle.php?artid=112436
2	2020	Construction of lyapunov function using gradient method to stability analysis of the nitrogenphosphatephytoplanktonsediment interaction model	Widowati, Putro, S.P., Triyana, E.,	Journal of Physics: Conference Series, Terindeks Scopus	https://iopscience.iop.org/article/10.1088/1742-6596/1524/1/012033/pdf

3	2020	Biomonitoring of the application of monoculture and integrated multitrophic aquaculture (Imta) using macrobenthic structures at tembelas island, kepulauan riau province, indonesia	Putro, S.P., Sharani, J, Widowati, Adhy, S, Suryono	Journal of Marine Science and EngineeringOpen Access Volume 8, Issue 11, November 2020, Article number 942, Pages 1-13	https://www.mdpi.com/2077-1312/8/11/942/htm
4	2020	Stability analysis of mathematical model (sirb) in the spread of cholera with vaccination and disinfection	Fitriyani, A., Widowati , Farikhin	Journal of Physics: Conference Series, Terindeks Scopus, 2020	https://iopscience.iop.org/article/10.1088/1742-6596/1524/1/012053/pdf
5	2020	sistem kendali optimal: teori dan aplikasinya dibidang inventory	Widowati, Sutrisno, R. Heru Tjahjana	Buku, PENERBIT: UNDIP PRESS, ISBN. 978-979-097712-9	
6	2019	Implementation of lyapunov method to analyze the stability of pompano,cantan g growth and nutrition dynamical systems,	Widowati, S P Putro, N Maan, and R Sulpiani	Journal of Physics: Conference Series, ISSN 1742-6596, Vol. 1217 / No. 012059, 2019	https://iopscience.iop.org/article/10.1088/1742-6596/1217/1/012059/pdf
7	2019	Multi-Restricted Area Avoidance Scenario Using Hybrid Dynamical Model and Its Predictive Controller	Sutrisno, Widowati, R. Heru Tjahjana, Sunarsih, Kartono	Advances in Science, Technology and Engineering Systems Journal (ASTESJ), ISSN:2415-6698 Vol. 4, No. 4, 147151	https://www.astesj.com/publications/ASTESJ_040418.pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2015-2019	Dean	Faculty of Sciences and Mathematics Universitas Diponegoro	https://fsm.undip.ac.id/v3/en/executive-board/
2	2019-2024	Dean	Faculty of Sciences and Mathematics Universitas Diponegoro	https://fsm.undip.ac.id/v3/en/executive-board/
3	2011-2015	Vice Dean for human resources affair	Faculty of Sciences and Mathematics Universitas Diponegoro	https://fsm.undip.ac.id/v3 /en/
4	2008-2011	Head	Mathematics Department Faculty Science and Mathematics, Universitas Diponegoro	http://math.fsm.undip.ac. id/en/
5	2009-2015	Vice Chairman	Indonesian Mathematical Society (IndoMS) in Central Java Area	https://indomsdiyjateng.o rg/
6	2016-2018	Treasurer	MipaNet (national cooperation network of higher education institutions in the fields of mathematics and natural sciences)	http://mipanet.or.id/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020 - 2021	Research grant: Model development as decision support on problems inventory control and supplier selection with optimization approach mathematics	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.id/
2	2021	Industry and Higher Education Collaboration: Utilization of Innovative Products of Multi-tiered Floating Net Cages-Roller Net System (IMTA system): Towards Smart Productive Sustainable Aquaculture	National	Ministry of Research, technology and Higher Education Republic of Indonesia	www.kedaireka.id https://instagram.com/Kedaireka.id
3	2020 - 2021	Research grant: Dynamical modeling and analysis of the covid-19 infection with physical distancing intervention	Local	LPPM, Universitas Diponegoro	http://lppm.undip. ac.id/v1/
4	2018 - 2020	Research grant: Joint decision making on integrated inventory control and supplier selection problem solving with uncertain environment	Local	LPPM, Universitas Diponegoro	http://lppm.undip. ac.id/v1/

4	2020	Copyright, Optimal Control Method: Theory and Application In Inventory System. Registration No.: EC00202042743 IPR No.: 000210912	National	Minister of Law and Human Rights, Republic of Indonesia	
5	2019	Copyright, Discrete Control Methods: Theory and Simulation Registration No.: EC00201930579 IPR No.: 000135539	National	Minister of Law and Human Rights, Republic of Indonesia	
6	2019	Copyright, Applications for Measuring Water Quality Levels at Aquaculture Locations Registration No.: EC00201941392 IPR No.: 000143025	National	Minister of Law and Human Rights, Republic of Indonesia	https://eprints2.undip.ac.id/1683/1/SERTIFIKATC41-WIDOWATI.pdf
7	2018	Patent: Crystallographic-Canting Stamp for Batik Registration No: S00201605160, IPR No.: IDS000001908	National	Minister of Law and Human Rights, Republic of Indonesia	https://eprints2.undip.ac.id/1678/1/SERTIFIKATC40-WIDOWATI.pdf

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

Name	: Prof. Dr. R. Poppy Yaniawati, M.Pd
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E-mail	: pyaniawati@unpas.ac.id
Phone/WA	: (+62)281572002168
Field-1	: Mathematics Education
Field-2	: Ethnomathematics
ID Scopus	: 57195944309
ID Orcid	: https://orcid.org/0000-0003-2718-317X
ID Google Scholar	: i8SJQkAAAAJ&hl=id
h- index Scopus	: 3

Short Biography

R. Poppy Yaniawati is a Professor of Postgraduate Mathematics Education at Universitas Pasundan. She was born in Bandung on January 21, 1968. She earned her doctoral degree in the title of her dissertation from the University of
Education Indonesia in 2006, which is “Implementation of E-Learning to Develop the Mathematical Power of Pre-service Teachers. Currently, she focuses on research including e-learning, learning models, educational psychology, and ethnomathematics.

Professor Yaniawati has earned several awards as Outstanding Lecturer at the Coordinator of Private Higher Education, Region 4, West Java, in 2007, “100 Inspiring Women” Indonesia, in 2014, Lecturer with the Most Research Grants from the Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia), in 2019. She was also a Reviewer for

Research Grants from the Ministry of Research, Technology and Higher Education, Reviewer of proceedings manuscripts and Scopus indexed journals, an external examiner of doctors at several universities in Indonesia, Reviewer of Mathematics books, Publisher Gakko Tosho, Japan, and she has produced many IPR (Intelectual Property Rights) of e-learning programs.

Professor Yaniawati has various organizational experiences, namely as Chair of the Research Center for the Faculty of Teacher Training and Education, Secretary and Chair of the

Postgraduate Mathematics Education Masters at Pasundan University, Secretary-General of the Indonesian Professors Association of West Java, Deputy Chair of the Research & Publication Commission for Higher Education Service Institution, Region 4, West Java, Tridharma Trustees in several Universities in Indonesia, Deputy Chairperson of the Sundanese Student Alumni Corps, Patron of the Elmu Luhung Kasakti Diri Foundation.

Research and Publication

Professor Yaniawati's research is on the e-Learning, learning model, educational psychology, and also in ethnomathematics. Her researchs of mathematics education have been published in national and international journals.

Her list of publications can be found at:
https://scholar.google.co.id/citations?user=_i8SJQkAAAAJ&hl=id

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Development and effectiveness of mobile learning teaching materials to increase students' creative thinking skils	Yaniawati, P., Supianti, I., Fisher, D., Sa'adah, N.	Journal of Physics Conference Series, Volume 1918(2021) 042081, doi:10.1088/1742 6596/1918/4/0 420 81	https://iops cience.iop. org/article/ 10.1088/17 426596/191 8 / 4 /042081/p df
2	2020	Integration of e-Learning for Mathematics on Resource Based Learning: Increasing Mathematical Creative Thinking and SelfConfidence,	Yaniawati, P., Kariadinata, Sari, N. M., Pramiarsih, Mariani	International Journal of Emerging Technologies in Learning (iJET), Maret 2020, Vol 15, No. 6, pp 6078.	https://ww w.learntec hlib.org/p/2 17189/
3	2019	Core Model on Improving Mathematical Communication and Connection, Analysis of Students' Mathematical Disposition	Yaniawati, P., Indrawan, R., Setiawan, G.,	International Journal of Instruction October 2019 ● Vol.12, No.4 eISSN: 1308-1470 ● www.e-iji.net pISSN: 1694-609X	https://eric. ed.gov/?id = EJ 12301 11

4	2019	Developing Mathematics Worksheet Using Futsal Context For School Literacy Movement	Effendy, K.S, Zulkardi, Putri, R. I. I., Yaniawati, P.	Journal on Mathematics Education Volume 10, No. 2, May 2019, pp. 203-214	https://eric.ed.gov/?id = EJ 1218125
5	2019	The Effect of Different Ways in Presenting Teaching Materials on	Sari, N. M., Yaniawati, P., Darhim,	International Journal of Instruction	https://eric.ed.gov/?id = EJ 12300
6		Students' Mathematical Problem Solving Abilities	Kartasasmita, B.	October 2019 ● Vol.12, No.4 eISSN: 1308-1470 ● www.e-iji.net pISSN: 1694-609X	88
7	2016	Book, "Metodologi Penelitian, Kuantitatif, Kualitatif, dan Campuran"	Rully Indrawan, R. Poppy Yaniawati	Refika Aditama, Bandung, Indonesia	http://opac.ut.ac.id/detail-opac?id=37374

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2007 - now	Reviewer for Research Grants	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia)	
2	2017 - now	SecretaryGeneral	Indonesian Professors Association of West Java	
3	2020 - now	Deputy Chair	Research & Publication Commission for Higher Education Service Institution, Region 4, West Java	
4	2012 - now	Member Associate	Indonesian Mathematical Society (Indo-MS)	

5	2020 - now	Member Associate	Indonesian Mathematics Educators Society (I-MES)	
6	2018 - now	Chair	Masters' Program Mathematics Education, Graduate Studies	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2019-2021	Lecturer with the Most Research Grants	National	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia)	
2	2019-2020	Inter-University Cooperation Research (PKPT) Grant	National	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia)	
3	2016-2018	Competency Grant	National	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia)	
4	2012-2014	Competency Grant	National	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia)	
5	2011	Masterplan for Acceleration and Expansion of Indonesia's Economic Development (MP3EI) Grant	National	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia) Ministry of National Research,	

				Innovation Agency and Higher Education Technology (Indonesia)	
6	2009-2010	National Strategy Grant	National	Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia) Ministry of National Research, Innovation Agency and Higher Education Technology (Indonesia)	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Phone/WA	:	+6282187657401
Field-1	:	Mathematics Combinatorics
Field-2	:	Graph Theory
ID Scopus	:	15056030800
ID Orcid	:	
ID Google Scholar	:	kEkQAAAJ
h- index Scopus	:	3

Short Biography

Hasmawati is Professor of Mathematics Combinatorics at Department of Mathematics, Faculty of Mathematics and Natural Sciences, Hasanuddin University, Indonesia since 2014. She was born in Belajen, Enrekang Regency, South Sulawesi, on December 25, 1964). She got a Ph.D degree in Mathematics and Natural Sciences, Institut Teknologi Bandung in Indonesia in the year 2007 with the Ph.D thesis intitled The Ramsey Numbers For Union of Stars. She attended primary and junior secondary education in Sudu, Alla Subdistrict, Enrekang Regency, then attended senior secondary education at SMAN 374 Enrekang and graduated in 1983. This year, the author continued his education in the S1 program, Mathematics Department, Faculty of Mathematics and Natural Sciences, Hasanuddin University until 1989.

Seven years later, on November 21, 1997, the writer married Abdul Basir MCE., MT. and they were blessed with a son named Reyhan Bashir, two daughters each named Ufairah Damara Bashir and Ilmiyyana Iffatunnafsiyah Bashir. Since joining the Doctoral Program until now, Prof. Hasmawati has been actively writing papers or articles published in national and international journals and She also has actively participated in several national and international scientific activities. Bisides writing and teaching, She also active in various professional organizations such as indoMS, KPA, INACOMB, and PDRI.

Research and Publication

Professor Hasmawati's research is on the Ramsey numbers, Labeling, dimension partition, and dimension metric . Her mathematical works have been published in national and international journals and books. Her list of Publications can be found at:

https://scholar.google.co.id/citations?hl=id&user=Mr-kEkQAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	The partition dimension of the vertex amalgamation of some cycles	Hasmawati, Ahmad Syukur Daming, N. Hinding, B. Nurwahyu, Amir A.K,	Draf	
	2020	Published a book entitled "Introduction and Types of Graphs"	Hasmawati	UnhasPress, First Edition,	
2	2020	Partition Dimension of Complete Multipartite Graph	Safriadi, Hasmawati, Loeky Haryanto	JMSK, May 2020	https://doi.org/10.20956/jmsk.v16i3.7278
3	2019	Metric Dimention of Graph join Two Paths P2 and Pt	Loeky Haryanto, Nurdin, Hasmawati	J. Indones. Math. Soc, 2019	http://repository.unhas.ac.id/id/eprint/4761/1/Abstrak%20JIMS.pdf

4	2018	The Ramsey Numbers for larges stars of even order versus even wheels	Hasmawati, P. Nur Rahmah Oktaviani, Loeky Haryanto	IOPConf. Series: Journal of physics, Conf. series 979(2018), Doi:10.1088/174 26596/979/1/01 208 7	https://www.g oogle.c o.id/url?sa=t&r ct
5	2017	Ramsey Number on A Union of Stars Versus A Small Cycle	Hasmawati, Jusmawati	JMSK FMIPA Unhas	http://journal.u nha s.ac.id/index.p hp/j msk
6	2015	Total Edge Irregularity Strength of Subdivision of Star	Nurdin Hinding Nurfuaidah Suardi, Hasmawati Basir, Vol.18, No.6	Journal of Discerete Mathematical Sciences &Cryptography, ISSN 0972-0529, ISSN 2169-0065 Online	https://doi.org/ 10.108 0/09720529.20 15.10 32716

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018-2020	Central IndoMS Secretary for the 2018-2020 period	Indonesian mathematician Society (IndoMS)	https://indoms.id
2	2017	Chairman of the Committee for the Mathematics National Seminar on Sulawesi Region IndoMS (SENAMAS2017	IndoMs Sulawesi Region	https://indoms.id
3	2017	The 2nd International Conference on Science (ICOS2017) Committee.	FMIPA Unhas	

4	2016-2018	Chairman of the Central IndoMS Organization and Cooperation Commission, 2016-2018 Period	Indonesian mathematician Society (IndoMS)	https://indoms.id
5	2011-2015	Head of Mathematics Department, Faculty of Mathematics and Natural Sciences Hasanuddin University	Hasanuddin University	http://math.sci.unhas.ac.id/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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e-mail	: e2rht@ikipsiliwangi.ac.id
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Field-1	: Mathematics Education
Field-2	: Ethnomathematics
ID Scopus	: 57195288305
ID Orcid	: https://orcid.org/0000-0002-0670-259X
ID Google Scholar	: My61ZGoAAAAJ&hl=id
h- index Scopus	: 3

Short Biography

Euis Eti Rohaeti is Professor of Mathematics Education at Department of Mathematics Education, Faculty of Mathematics Education and Sciences, IKIP Siliwangi, Indonesia since 1993. She was born in Sumedang on December 9, 1968. She got a Ph.D degree in Mathematics Education Universitas Pendidikan Indonesia in Indonesia in the year 2008 with the Ph.D. thesis Improving Junior High School Student's critical and CreativeThinking Skillsa Through Exploration Approach.

Professor Euis Eti Rohaeti has won awards in research grant for the year 2015, 2016, 2017 and 2020 from the Ministry of Research and the Higher Education Republic of Indonesia, from Research Agency for Development and Application of Science and Technology West Java, Indonesia, for the year 2016. In 2020 she was included in the 500 best Researchers in Indonesia.

Prof. Euis Eti Rohaeti also has experiences in the organization as a Vice Rector IKIP Siliwangi from 2013 until now, Deputy head of research and community service at IMES (Indonesian

Mathematics Education Society) from 2019 to the present, Coordinator of discipline and human resource development at KORPRI LLDIKTI IV since 2017, Expert Council at ABPPTSI and PGRI West Java from 2019 until now, Chief Editor Journal of Educational Experts (JEE) LLDIKTI IV since 2017

Research and Publication

Professor Euis Eti Rohaeti's research is on ICT-based Innovative Mathematics Learning, Higher Order Thinking Skills, and character reinforcement. Her mathematical works have been published in national and international journals and books.Her list of Publications can be found at: https://scholar.google.co.id/citations?user=My61ZGoAAAAJ&hl=id

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/\ Publisher	Link
1	2020	Developing Mathematical Learning Media Using Java Script-Assisted Geogebra for CriticalCreative Problem Solving Ability	Euis Eti Rohaeti, Martin Bernard, Bima Gusti Ramadhan	Journal of Xi'an University of Architecture & Technology (Q2)	https://www.xajzkjdx.cn/gallery/113feb2020.pdf
2	2020	Animated Media Design based on Visual Basic Application Microsoft Power Point on The Material Build Flat Side Spaces	Euis Eti Rohaeti, Harry Dwi Putra, Andriana Siwi	Journal of Phisics: Conference Series (Q3)	https://iopscience.iop.org/article/10.1088/1742-6596/1657/1/012093/meta
3	2020	Developing an Interactive Learning Model Using Visual Basic Application with Etnomathematical contents to Improve Primary School Students' Mathematical Reasoning	Euis Eti Rohaeti, Nelly Fitriani, Fadillah Akbar	Jurnal Infinity, IKIP Siliwangi (S2)	http://ejournal.stkipsiliwangi.ac.id/index.php/infinity/article/view/1979

4	2019	Developing Interactive Learning Media for school Level Mathematics through Open Ended Approcah aided by Visual Basic Application for Excell	Euis Eti Rohaeti, Martin Bernard, Restu Bias Primandhika	Journal on Mathematics Education, Universitas Sriwijaya Palembang, (Q2)	https://ejournal.unsri.ac.id/index.php/jme/article/view/5391
5	2018	Mathematical Critical Thinking and Resiliency: Experiment of Grade-7 Students using Scientific Approach	Euis Eti Rohaeti, Dadang Koswara	Jurnal Riset Pendidikan Matematika, Universitas Negeri Yogyakarta (S2)	https://journal.uny.ac.id/index.php/jrpm/article/view/17322

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2013-2021	Vice Rector	IKIP Siliwangi	
2	2019-2021	Deputy Head of research and community service	IMES	
3	2019-2021	Coordinator of discipline and human resource development	KORPRI LLDIKTI IV	
4	2017-2021	Chief Editor Journal of Educational Experts (JEE)	LLDIKTI IV	
5	2019-2021	Expert Council	ABPPTSI West Java	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020	The 500 best researchers In Indonesia	National	The Ministry of Research and the Higher Education Republic of Indonesia	
2	2015, 2016, 2017, 2020	Master thesis research grant	National	The Ministry of Research and the Higher Education Republic of Indonesia	
3	2016	Research Grant	National	Research Agency for Development and Application of Science and Technology West Java, Indonesia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

Name	:	Prof. Wamiliana, M.A., Ph.D
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Office Addres	:	Jl. Prof. Dr. Soemantri Brojonegoro No.1, Bandarlampung, Indonesia
e-mail	:	wamiliana.1963@fmipa.unila.ac.id
Phone/WA	:	+628127942165
Field-1	:	Optimization
Field-2	:	Combinatorics
ID Scopus	:	36053853700
ID Orcid	:	https://orcid.org/0000-0002-3740-7950
ID Google Scholar	:	v4sjk3cAAAAJ&hl=en
h- index Scopus	:	3

Short Biography

Wamiliana is a Profesor of Operations Research at Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Lampung, Indonesia since 2017. She was born in Sungailiat Bangka on November 8, 1963. She got her Bachelor's degree in Mathematics from Universitas Indonesia, Master's degree from The University of Montana, USA, and Ph. D degree from Curtin University of Technology, Australia in 2004 with Ph. D thesis entitled: Combinatorial Methods for The Degree Constrained Minimum Spanning Tree Problem.

She now focuses on research and research supervision in Optimization, especially in Networks Design which use Minimum Spanning Tree (MST) as the backbone of the networks. Beside network design, she also supervised students who interested in graph theory, especially in graph enumeration. Moreover, recently she also acts as promotor for her doctoral student with research topic in steganography. Steganography is the process of hiding information, images, or audio messages inside another piece of information, image, or audio.

Profesor Wamiliana has awarded research grants from WACEIO (Western Australia Center for Excellence Industrial Optimization) in 2002; from Ministry of Research and the Higher Education Republic of Indonesia: in 2005-2006 (Pekerti Research Grant as the head/chair of TPP research team), in 2007 (Fundamental Research Grant, as the head/chair of research team), in 2016-2017 (Pekerti Research Grant, as the head/chair of TPM research team), in 2017-2018 (Competency/PBK Research Grant as the head/chair of research team), and in 2020-2021 (Master Thesis research grant (in 2020), Doctoral Thesis research grant (in 2021). The last two research grants are for supervising graduate students in order to produce a quality thesis and also publish the results in a reputable journal. She also has appointed as external examiner for doctoral thesis from Curtin University of Technology, Australia, and University Technology MARA, Malaysia.

Prof. Wamiliana also has experiences in the organization as the Vice Dean for General Issue and Finance FMIPA Universitas Lampung in 1995 – 1997, the head/chair of Management Informatics Study Program, FMIPA Unila in 2002 – 2011, the head of Department of Mathematics, FMIPA Unila in 2017 – 2021, and Vice Governor of Indonesian Mathematics Society (IndoMS) of South Sumatera Region for 2021-2023.

Prof. Wamiliana a had designed Remuneration System for Universitas Lampung, the system which record the lecturers' performance in order to give incentive to the lecturers, and that system is used until now.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2021	A New Digital Image Steganography Based on Center Embedded Pixel Positioning	D. Darwis A.Junaidi D.A.Shofiana **Wamiliana**	Cybernetics and information technologies volume 21, no 24 doi:10.2478/cait2021-0021	https://cit.iict.bas.bg/CIT-2021/v-212/10341-Volume21_Issue_2-07_paper.pdf
2	2020	Enumerating the Number of Connected Vertices Labeled Graph of Order Six with Maximum Ten Loops and Containing No Parallel Edges	**Wamiliana,** Amanto, M.Usman, M.Ansori, F.C.Puri	Science and Technology Indonesia, Vol, 5 No. 4 , pp. 131 – 135 https://doi.org/10.26554/sti.2020.5.4.131-135	https://sciencetechindonesia.com/index.php/jsti/article/view/254

3	2020	Using Modification of Prim's Algorithm and GNU Octave And To Solve The Multiperiods Installation Problem.	**Wamiliana,** Mustofa Usman Warsono Warsito Jamal I Daoud	IIUM Engineering Journal, 21 (1). pp. 100-112. ISSN 2289 - 7860 Doi: https://doi.org/10.31436/iiumej.v21i1.1088	https://journals.iium.edu.my/ejournal/index.php/iiumej/article/view/1088
4	2020	Comparing Various Genetic Algorithm Approaches for Multiple-choice Multi-dimensional Knapsack Problem (mm-KP)	Admi Syarif, Dian Anggraini, **Wamiliana**, Kurnia Muludi, Mitsuo Gen	International Journal of Intelligent Engineering & Systems, Vol.13, No.5, 2020 https://doi.org/10.22266/ijies2020.1031.40	http://www.inass.org/2020/2020103140.pdf
5	2020	WAC4 algorithm to solve the multiperiod degree constrained minimum spanning tree problem	**Wamiliana,** A Junaidi, Amanto, M Usman, and Warsono	Journal of Physics: Conference Series1524 (2020) 012046 doi:10.1088/1742-6596/1524/1/012046	https://iopscience.iop.org/issue/1742-6596/1524/1

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017-2021	Head of Dept. of Mathematics	Universitas Lampung, Indonesia	
2	2021	Vice Governor of Indonesian Mathematical Society (IndoMS) of South Sumatera Region	Indonesian Mathematical Society	
3	2017	Head of Remuneration team.	Universitas Lampung, Indonesia	

4	2002-2011	Head of Management of Informatics study Program	Universitas Lampung, Indonesia	
5	1995-1997	Vice Dean for General Issue and Finance	Faculty of Mathematics and Natural Science, Universitas Lampung.	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020	Copyright of the sSource Code entitled: Determining The Degree Constrained Minimum Spanning Tree Using Sollin's Algorithm	National	Ministry of Law and Human Rights	
2	2017-2018	PHK (Competency) Research grant	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
3	2007	Fundamental research grant	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
4	2005-2006	Pekerti Research grant	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
5	2002	Research grant	International	WACEIO , Australia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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e-mail	: kiki@sci.ui.ac.id
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Field-1	: Combinatorics
Field-2	: Algebra
ID Scopus	: 12797262400
ID Orcid	: https://orcid.org/0000-0001-9730-1405
ID Google Scholar	: rSzgolYAAAAJ
h- index Scopus	: 11

Short Biography

Dr. Kiki Ariyanti Sugeng is an associate professor at the Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Indonesia. She has worked at Universitas Indonesia since 1986. She has got her Ph.D. from the University of Ballarat (Federal Union University), Australia, in 2005 with her thesis entitle 'Magic and Antimagic Graphs'. Her main research area is combinatorics, especially in graph labeling. In her research, she has got many research grants from the Ministry of Education and Higher Education and also from Universitas Indonesia since 2006. She experienced being an external co-supervisor from the University of Newcastle, Australia, and the Faculty of Computer Science-UI in Indonesia. She also has been appointed as an external examiner for the Ph.D. program from ITB-Indonesia, University of Gunadarma-Indonesia, and TUE-Netherland. She also a reviewer from many international and national journals, such as Discrete Mathematics, Australasian

Journal of Combinatorics, AKCE, Journal of the Indonesian Mathematical Society, and many more. She is being the chief editor of the Indonesian Journal of Combinatorics since 2016 and the Managing editor of the Electronic Journal of Graph Theory and Its Application since 2013.

Apart from doing her research, she also actives in mathematics society. She was a president of the Indonesian Combinatorics Society in the period 20132017 and vice president of the Indonesian Mathematical Society in 20122016. She is appointed as a Vice President of the Institute of Combinatorics and its Application, which is an international combinatorial society based in Boca Raton, USA.

Research and Publication

Dr. Kiki Ariyanti Sugeng primary research is in graph labelling. However, she also works on graph coloring, antiadjacency matrix, and some other topics. Her works can be found at

https://www.scopus.com/authid/detail.uri?authorId=12797262400 and
https://scholar.google.com/citations?user=rSzgolYAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	Prediction method of autoregressive moving average models for uncertain time series	Lu, J., Peng, J., Chen, J., Sugeng, K.A	International Journal of General Systems , 49(5) (2020), pp. 546–572	https://www.tandfonline.com/doi/abs/10.1080/03081079.2020.1748616?journalCode=gen20#:~:text=Based%20on%20time%20series%20analysis,for%20an%20uncertain%20tim%20series.&text=Therefore%2C%20the%20interval%20range%20of,based%20on%20the%20reliability%20constraint
2	2020	Rainbow connection number of generalized composition	Septiyanto, F. Sugeng, K.A.	AKCE International Journal of Graphs and Combinatorics, 17(1)(2020), pp. 367–372	https://www.tandfonline.com/doi/full/10.1016/j.akcej.2018.10.001
3	2020	On inclusive ddistance irregularity strength on triangular ladder graph and path	Utami, B., Sugeng, K.A., Utama, S.	AKCE International Journal of Graphs and Combinatorics , 17(3)(2020), pp. 810–819	https://www.tandfonline.com/doi/full/10.1016/j.akcej.2019.10.003

4	2020	Local Face Antimagic Evaluations and Coloring of Plane Graphs	Bong, N., Bača, M., SemaničováFeňovčíková, A., Sugeng, K.A., Wang, T.-M.	Fundamenta Informaticae, 174(2 (2020), pp. 103–119	https://content.iospress.com/articles/fundamenta-informaticae/fi1934
5	2021	Distance-local rainbow connection number	Septyanto, F. and Sugeng,K. A.	DMGT, in press	https://www.dmgt.uz.zgora.pl/publish/bbl_view_press.php?ID=29217

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2006-2012	Vice President of Indonesian Combinatorial Society	Indonesian Combinatorial Society	https://inacombs.id/
2	2013-2017	President of Indonesian Combinatorial Society	Indonesian Combinatorial Society	https://inacombs.id/
3	2012-2016	Vice President of Indonesia Mathematical Society	Indonesia Mathematical Society	https://indoms.id/
4	2013- now	Managing Editor	Electronic Journal of Graph Theory and Applications	https://www.ejgta.org/index.php/ejgta
5	2017-2022	Vice President of The Institute for Combinatorics and its Application	The Institute for Combinatorics and its Application,	http://the-ica.org/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2018	PITTA UI Research Grant	National (Desentralized Scheme)	Dikti via Universitas Indonesia	
2	2019	Q1-Q2 UI Research Grant	National (Desentralized Scheme)	Dikti via Universitas Indonesia	
3	2019	PITTA UI Research Grant	National (Desentralized Scheme)	Dikti via Universitas Indonesia	
4	2020-2021	2Q2 UI Research Grant	National (Desentralized Scheme)	Dikti via Universitas Indonesia	
5	2021	National Collaboration Research Grant	National	Dikti	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY : INDONESIA

Name	:	Dr. Udjianna Sekteria Pasaribu
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Phone/WA	:	+6285722169445
Field-1	:	Biostatistics, especially on Survival Model
Field-2	:	Stochastic Process, especially on Maintenance in 2 Dimensions
ID Scopus	:	6504237366
ID Orcid	:	-
ID Google Scholar	:	caMYoj0AAAAJ&hl=id
h- index Scopus	:	6

Short Biography

Udjianna S. Pasaribu is an associate Professor in the Statistics group of Program Study of Mathematics, FMIPA Institut Teknologi Bandung, Indonesia. She was born in Bandung on August 6th 1962. Her primary research interests are in warranty, survival model, point process analysis, multivariate analysis, and sampling technique. Her educational background includes the following: Doctoral (Biostatistics, University of Wales Swansea, The United Kingdom, 1993); Bachelor (Mathematics, ITB, 1985). Numerous papers have been published in several scientific journals, including Heliyon, International Journal of Applied Mathematics and Statistics, Journal of Information, and many international proceedings published by IEEE, AIP, IOP, etc.

In addition to producing journals every year, Udjianna is also active in collaborating with industry in the form of statistical training or as a consultant team. In the last 5 years, the cooperation was carried out with PT. Astra Agro Lestari (2015), PT Komatsu Indonesia (2016 & 2018), PT East West Seed

Indonesia (2017), and PT Reasuransi Indonesia Utama, TBK (mid 2018-mid 2019) as Person in Charge (PIC) and Indonesia Mining Institute (2017) as Leader for statistics team. Since the pandemic (2020), Udjianna and team have become the data analyst team of COVID-19 data for the Bandung City Government.

Udjianna Pasaribu also has experiences in the organization as a Leader of Statistics Group of Program Study of Mathematics in 2012-2018. For the mathematical society, she was a member of Indonesia Statistician Forum (*Forum Masyarakat Statistik*-FMS) in 2 periods (2017-2018 and 2019-2020).

As a contribution in the current pandemic conditions, he became one of ITB's COVID-19 mitigation members from June 2020 – June 2021. In addition, she has joined as one of the National Disaster Management Authority (*Badan Nasional Penanggulangan Bencana*-BNPB) behavior change experts since 2019 until now.

Research and Publication

Udjianna Pasaribu's research is on the warranty, multivariate analysis, and actuarial scope. Her mathematical works have been published in national and international journals.

Her list of Publications can be found at:
https://scholar.google.co.id/citations?user=caMYoj0AAAAJ&hl=id&oi=ao

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Some Properties of the Scaled Burt Matrix on Multiple Correspondence Analysis	**US Pasaribu**, KE Lestari, SW Indratno, H Garminia, RRKN Sari	Journal of Hunan University Natural Sciences 48 (5)	http://www.jonuns.com/index.php/journal/article/view/586
2	2021	Modelling COVID19 growth cases of provinces in java Island by modified spatial weight matrix GSTAR through railroad passenger's mobility	**US Pasaribu**, U Mukhaiyar, NM Huda, KN Sari, SW Indratno	Heliyon 7 (2), e06025	https://doi.org/10.1016/j.heliyon.2021.e06025

3	2021	Modelling COVID19 growth cases of provinces in java Island by modified spatial weight matrix GSTAR through railroad passenger's mobility	**US Pasaribu**, U Mukhaiyar, NM Huda, KN Sari, SW Indratno	Heliyon 7 (2), e06025	https://doi.org/10.1016/j.heliyon.2021.e06025
4	2020	The Enhancement of Higher Education Quality by Alumni Tracking Using Correspondence Analysis	**US Pasaribu**, KE Lestari, SW Indratno, H Garminia	International Journal of Innovation, Creativity and Change 13 (10), 1661-1675	
5	2015	A mathematical model for imperfect maintenance contract	**US Pasaribu**, H Husniah, BP Iskandar	International journal of applied mathematics & statistics 53 (2), 20-35	
6	2015	Estimation of the transition matrix in Markov chain model of customer lifetime value using flower pollination algorithm	**US Pasaribu**, F al Mashumah, D Permana	Appl. Math. Sci 9 (69), 3409-3418	http://dx.doi.org/10.12988/ams.2015.52102

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-now	Member	Mitigation team of COVID19, Institut Teknologi Bandung	
2	September 2020 – now	Member	Behavior change experts National Disaster Management Authority (*Badan Nasional Penanggulangan Bencana* -BNPB)	

3	Mid 20182024	Member	Institutional commission of Institut Teknologi Bandung's academic senate	https://sa.itb.ac.id /komisi/#komisi2
4	2012-2018	Leader	Statistics group, Departmen of Mathematics, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung	https://fmipa.itb.a c.id/wpcontent/uploads/s ites/7/2018/12/SK -Dekan-No-160tahun-2018.pdf
5	2017-2018 and 2019-2020	Member	Indonesia Statistician Forum (*Forum Maysarakat Statistik*FMS), Bappenas Indonesia.	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	Feb 2020 - now	Research of SIR Modeling on the Covid-19 Virus in Indonesia as PIC	National	Indonesian State Intellegence Agency (Badan Intelejen Nasional, BIN)	Confidenti al
2	2020-2021	Basic research: Quantification of Stratigraphic Sequence Analysis for Prediction of Oil Reserves in Several Drilling Wells using the ARIMA(p,d,q) Time Series Model as PIC	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simli as.ristekbrin.
3	2021	World class research: Aftersales service (product warranty and maintenance) for industry 4.0 as a member	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simli as.ristekbrin.

4	2021	Community Service and Innovation ITB (P2MI) as PIC	Local	Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung	
5	Septe mber – Des 2020	Research of change behavior in West Java, North Sumatera, and South Sumatera as PIC	National	Behavior change experts National Disaster Management Authority (BNPB)	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

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Field-2	: Combinatorics
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h- index Scopus	: 11

Short Biography

Rinovia Simanjuntak studied in Institut Teknologi Bandung, with a BSc degree in 1996 and an MSc degree in 1998. Her PhD degree in 2003 was from the University of Newcastle, Australia, under the supervision of the late Prof. Mirka Miller.

Rinovia lectured various courses in Department of Mathematics, Department of Computational Science, and Department of Informatics at Institut Teknologi Bandung. She also supervised and co-supervised bachelor and graduate students; including thirteen PhD students, ten of them have graduated. She was the Vice Chair/Executive Secretary of Centre for Mathematical Modelling and Simulation ITB (2005-2007) and Person in Charge for International Collaboration of the World Bank's Indonesia – Managing Higher Education and Research (IMHERE) ITB Project (2009-2012). She is the current chair for three master's programs in ITB: Actuarial Sciences, Computational Science, and Mathematics (Teaching).
Rinovia was one of 100 Outstanding Women Researchers, chosen by the Indonesian National Committee for UNESCO and the Indonesian Ministry of Women Empowerment in 2010. In 2016,

she was awarded FMIPA Award for Excellence in Research by the Faculty of Mathematics and Natural Sciences Institut Teknologi Bandung and the IndoMS Award by the Indonesian Mathematical Society.

Research and Publication

Rinovia's research interests include distance-related problems in graphs and applications of graph theory. In the afore-mentioned research topics, she served as Principal Investigator for 34 research grants since 2003. She has written 63 articles published in peer-reviewed journals and proceedings. Her Scopus' h-index is 11 and Google Scholar's h-index is 18. Since 2000, she has presented her research results in international conferences yearly, some of them as one of the plenary speakers. She has involved in more than 20 conferences' program and organizing committees; in six of which, she chaired the committees.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2018	On the vertex irregular total labeling for subdivision of trees	Susilawati, Baskoro, E.T., Simanjuntak, R., Ryan, J.	Australasian Journal of Combinatorics	https://ajc.maths.uq.edu.au/pdf/71/ajc_v71_p293.pdf
2	2013	The metric dimension of the lexicographic product of graphs	Saputro, S.W., Simanjuntak, R., Uttunggadewa, S., Salman, A.N.M., Bača, M.	Discrete Mathematics	https://www.sciencedirect.com/science/article/pii/S0012365X13000496?via%3Dihub
3	2013	Super (a, d)-H-antimagic total labelings for shackles of a connec-ted graph H	Inayah, N., Simanjuntak, R., Salman, A.N.M., Syuhada, K.I.A.	Australasian Journal of Combinatorics	https://ajc.maths.uq.edu.au/pdf/57/ajc_v57_p127.pdf
4	2011	Large bipartite Cayley graphs of given degree and diameter	Vetrík, T., Simanjuntak, R., Baskoro, E.T.	Discrete Mathematics	https://www.sciencedirect.com/science/article/pii/S0012365X10004115?via%3Dihub
5	2008	Graphs of order two less than the Moore bound	Miller, M., Simanjuntak, R.	Discrete Mathematics	https://www.sciencedirect.com/science/article/pii/S0012365X0700413X?via%3Dihub

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-2022	Chair	Master's Program in Computational Science ITB	https://csx.itb.ac.id /
2	2021-2022	Chair	Master's Programs in Actuarial Sciences and Mathematics (Teaching) ITB	https://math.itb.ac.i d/
3	2005-2007	Vice Chair/Executive Secretary	Centre for Mathematical Modelling and Simulation ITB	
4	2016	Chair	Program and Organizing Committee of Distance in Graph	
5	2012	Chair	Organizing Committee of International Workshop on Optimal Network Topology	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2016	FMIPA Award for Excellence in Research	Local	Faculty of Mathematics and Natural Sciences Institut Teknologi Bandung	
2	2016	IndoMS Award	National	Indonesian Mathematical Society	
3	2010	100 Outstanding Women Researchers	National	National Committee for UNESCO and Ministry of Women Empowerment	
4	2019-2022	World Class Research Grant	National	National Research and Innovation Agency	
5	2013-2015	Hibah Kompetensi	National	Ministry of Research and Technology	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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ID Orcid	: https://orcid.org/0000-0002-0418-6629
ID Google Scholar	: https://scholar.google.com/citations?hl=en&user=DDuYzeQAAAAJ
h-index Scopus	: 11

Short Biography

Fatmawati is Associate Professor of Mathematics at Department of Mathematics, Faculty of Science and Technology, Universitas Airlangga, Indonesia since 2014. She was born in Situbondo on July 4, 1973. She got a Ph.D. degree in Mathematics and Natural Sciences, Institut Teknologi Bandung in Indonesia in the year 2010 with the Ph.D. thesis entitled “Model Reduction and Low-order Controller Design Strategy for Infinite-Dimensional Systems”. She now focuses on research and research supervision in Optimal Control, Robust Control, Model Reduction, Mathematical Modelling, Bio-mathematics, and Fractional Model.

Dr Fatmawati has won awards in research grant since 2005 from the Ministry of Research and the Higher Education Republic of Indonesia through Penelitian Unggulan Perguruan Tinggi, Penelitian Berbasis Kompetensi, Penelitian Dasar, Penelitian Dasar Unggulan Perguruan Tinggi and International Collaboration Research from Universitas Airlangga. She is also an external examiner of Ph.D. defense at some universities in Indonesia (Institut Teknologi Bandung, Universitas Gadjah Mada, Universitas Brawijaya and Institut Teknologi Sepuluh Nopember).

Dr. Fatmawati also has experiences in the organization as a Secretary of the Department of Mathematics in 2020, Vice Dean of Faculty of Science and Technology Universitas Airlangga in

2020-2025. For the mathematical society, Dr. Fatmawati was a Regional Secretary and Vice Chair for research and development of the Indonesian Mathematical Society (IndoMS) East Java in 2016-2018 and 2018-2020, respectively.

Research and Publication

Dr. Fatmawati's research is on Optimal Control, Robust Control, Model Reduction, Mathematical Modelling, Bio-mathematics, and Fractional Model. Her mathematical works have been published in international journals.

Her list of Publications can be found at:

https://scholar.google.com/citations?hl=en&user=DDuYzeQAAAAJ

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Dengue infection modeling and its optimal control analysis in East Java, Indonesia	M. A. Khan, **Fatmawati**	Heliyon, 7(1), e06023, 2021	https://www.sciencedirect.com/science/article/pii/S2405844021001286
2	2020	The dynamics of COVID-19 with quarantined and isolation	Khan, M.A., Atangana, A., Alzahrani, E., **Fatmawati**	Advances in Difference Equations, 2020, 2020(1), 425	https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-020-02882-9
3	2020	Fractional model of HIV transmission with awareness effect	**Fatmawati**, Khan, M.A., Odinsyah, H.P.	Chaos, Solitons and Fractals, 2020, 138, 109967	https://www.sciencedirect.com/science/article/pii/S0960077920303660
4	2020	Optimal control of a discrete agestructured model	**Fatmawati**, Dyah Purwati, U., Riyudha,	Heliyon, 6(1),e03030/ 2020	https://www.sciencedirect.com/science/article/pii/S2405844019366897
		for tuberculosis transmission	F., Tasman, H.		
5	2019	A fractional model for the dynamics of competition between commercial and rural banks in Indonesia	**Fatmawati**, Khan, M.A., Azizah, M., Windarto,, Ullah, S.	Chaos, Solitons and Fractals, 2019, 122, pp. 32–46	https://www.sciencedirect.com/science/article/pii/S0960077919300694

6	2015	An optimal control strategy to reduce the spread of malaria resistance	**Fatmawati**, Tasman, H.	Mathematical Biosciences, 2015, 262(C), pp. 73–79	https://www.sciencedirect.com/science/article/pii/S0025556415000073
7	2011	Balanced Truncation for Unstable Infinite Dimensional Systems via Reciprocal Transformation	**Fatmawati**, Roberd Saragih, Riyanto T. Bambang, Yudi Soeharyadi	International Journal of Control, Automation, and Systems (2011) 9(2):249-257	https://link.springer.com/article/10.1007/s12555-011-0206-3

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-now	Research Reviewer	Ministry of Research and Technology, Republic of Indonesia	
2	2016-2018	Regional Secretary	Indonesian Mathematical Society (IndoMS) East Java	https://indoms.id/
3	2018-2020	Vice Chair for research and development	Indonesian Mathematical Society (IndoMS) East Java	https://indoms.id/
4	2020-Now	Vice Dean	Faculty of Science and Technology,	https://www.unair.ac.id/site/menu/show/53/faculty/fa
			Universitas Airlangga	kultas-sains-danteknologi.html

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2012-2021	Penelitian Unggulan Perguruan Tinggi, Penelitian Berbasis Kompetensi, Penelitian Dasar, Penelitian Dasar Unggulan Perguruan Tinggi	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
2	2020	International Collaboration Research	Local	Rector of Universitas Airlangga	
3	2020	Lecturer with the Best Citation	Local	Rector of Universitas Airlangga	
4	2020	High-quality scientific articles Awards RISTEK-BRIN	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
5	2016	The third outstanding lecturer	Local	Rector of Universitas Airlangga	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

Name : Dr. Nuning Nuraini
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Field-1 : Mathematical Epidemiology
Field-2 : Mathematical Modelling

ID Scopus : 24605696400
ID Orcid : https://orcid.org/0000-0002-4401-8304
ID Google Scholar : JWD0YN0AAAAJ&hl=id

h-index Scopus : 8

Short Biography

Nuning Nuraini is an Associate Professor at the Mathematics Department, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung (ITB), since 2011. She got a Ph.D. degree in Mathematics, Institut Teknologi Bandung, Indonesia in 2008. She has extensive experience in mathematical epidemiology, e.g., modeling tropical diseasessuch as Dengue, Zika, Chikungunya, infectious diseases such as MERS, SARS, COVID-19, the efficacy of vaccinations, and other medical interventions. She also interested in mathematical modeling in Biology. She is the Person in Charge of some research grants from ITB, Kemenristek Dikti, and other funding in mathematical modeling of infectious diseases from 2009 until now.

Dr. Nuraini is the Head of the Mathematics Undergraduate Study Program at ITB. She was the Head of the Center for Mathematical Modelling and Simulation ITB from 2012 until 2020. She is also the President of the Indonesian Bio-Mathematical Society since 2012 until now. And a member of the Society of Mathematical Biology since 2017.

She has been designated as a scientific expert by the Indonesian government for this challenge as she currently sits in the Coronavirus Disease Mitigation Acceleration Task Force for Sumedang district, ITB, North Kalimantan West Java. She also develops the early warning system of Dengue disease based on climate information with BMKG, Jakarta Province, and the Health Office. The engagement for a wider audience will naturally follow activities of Dr. Nuraini, who has been giving interviews on COVID-19 in Indonesia at various mass media, such as Reuters, The Jakarta Post, BBC, ABC, iNewsTV, KompasTV, Metro TV, TVOne , CNN, and in addition to national newspapers and local Radio.

Research and Publication

Dr. Nuraini main research is mathematical modeling, specifically mathematical epidemiology, modeling in biomathematics, population dynamics, and related fields.

The lists of her publication can be found at

https://scholar.google.co.id/citations?user=JWD0YN0AAAAJ&hl=en\

The best five recent publications in journals and/or books

No	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	*Climate-based dengue model in Semarang, Indonesia: Predictions and descriptive analysis*	N. Nuraini, I.S Fauzi, M. Fakhruddin, A. Sopaheluwakan E. Soewono	Infectious Disease Modelling, volume 6, 598 – 611/KeAI	https://doi.org/10.101 6/j.idm.2021.03.005
2	2021	*Data-driven modeling and forecasting of COVID19 outbreak for public policy making*	A. Hasan, E. Putri, H. Susanto, N. Nuraini	ISA Transaction/Elsevier	https://doi.org/10.101 6/j.isatra.2021.01.028
3	2021	*Targeted vaccine allocation could increase the COVID-19 vaccine benefits amidst its lack of availability: a mathematical modeling in Indonesia*	A.Fuady, N. Nuraini, K. K. Sukandar, B.W. Lestari	Vaccines, 9, 462/MDPI	https://doi.org/10.339 0/vaccines9050462
4	2020	*Superspreading in Early Transmissions of COVID19 in Indonesia*	A. Hasan, H. Susanto, M. Kasim, N. Nuraini, B. Lestari, D. Triany, W. Widyastuti	Scientific Reports, volume 10/ Nature	https://www.nature.com/articles/s41598020-79352-5
5	2020	*Turing Patterns of Nonlinear S-I Model on Random and Real*	P.S. Putra, H. Susanto, N. Nuraini	Scientific Reports, volume 9/Nature	https://www.nature.com/articles/s41598019-45069-3

		Structure Networks with Diarrhea Data			

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020 -	Head of MA Undergraduate Study Program	ITB	https://fmipa.itb.ac.id /pimpinan-fmipa/
2	2012 - 2020	Head of Center for Mathematical Modelling & Simulation	ITB	https://multisite.itb.a c.id/p2ms/profilp2ms/
3	2012 -	President of Indonesian BioMathematical Society	IBMS	https://ppms.itb.ac.id /ibms/
4	2020 -	Member of Data & Epidemiology Division COVID 19 Task Force Team	West Java Province	https://pikobar.jabar prov.go.id/data
5	2020 -	Coordinator of Simulation and Modelling COVID 19 Indonesia	SimcovID	https://simcovid.gith ub.io/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020/21	RISPRO	National	Ministry of Research and Technology	https://risp r olpdp.keme n keu.go.id/
2	2019/20	SFC GCRF COVID19 Response Award 2019/20	International	University of Strathclyde Glasgow	
3	2020	Copyright of COVID METER Number : EC00202039515	National	Ministry of Law and Human Rights Republic of Indonesia	https://pp ms .itb.ac.id/si m covid/

4	2020	Copyright of DBKlim Number : EC00202013764,	National	Ministry of Law and Human Rights Republic of Indonesia	http://dbd.b mkg.go.id/
5	2020	Copyright of SIMORA software Number: EC00202032582	National	Ministry of Law and Human Rights Republic of Indonesia	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

Hilda Assiyatun

Associate Professor

Combinatorial Mathematics Research Group

Faculty of Mathematics and Natural Sciences ITB
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Education

□ **Ph.D. in Mathematics** , the University of Melbourne, Australia (1998 – 2001)
□ **Master in Mathematics**, ITB (1993 – 1995)

□ **Bachelor in Mathematics,** ITB (1987 – 1992)

Involvement in Indonesian Mathematics Societies
□ **Vice President of Indonesian Mathematics Society** (IndoMS) (Nov 2020 – now)

□ **Vice President of Indonesian C**ombinatorial **Society** (InaCombS) (2017 – now)

□ **Treasurer of Indonesian Mathematics Society** (IndoMS) (2006 – 2008)

Research Interests

Random graphs, Graph Ramsey numbers, Graph labelings, Metric dimension, Partition dimension, Locating-chromatic numbers

Scopus H-index: 8

Publications (in the last five years)

1. K. Wijaya, E. T. Baskoro, **H. Assiyatun**, D. Suprijanto, Subdivision of graphs in R (mK2, P4), *Heliyon* 6 (6), 2020, e03843

2. D. K. Syofyan, E.T. Baskoro, **H. Assiyatun**, Locating-chromatic number of the edge-amalgamation of trees, Indonesian Journal of Combinatorics 4 (2), 126-132, 2020

3. D. Rahmadani, **H. Assiyatun**, E.T. Baskoro, Unicyclic Ramsey (P 3, Pn)minimal graphs obtained from trees in the same class, *Journal of Physics: Conference Series 1538 (1), 2020, 012016.*

4. B.M. Salindeho, **H Assiyatun**, ET Baskoro, On The LocatingChromatic Numbers of Subdivisions of Friendship Graph, *Journal of the Indonesian Mathematical Society 26 (2), 175-184, 2020*

5. **H. Assiyatun**, D.K. Syofyan, E.T. Baskoro, Calculating an upper bound of the locating-chromatic number of trees, *Theoretical Computer Science* 806, 305 – 309, 2020, doi: 10.1016/j.tcs.2019.04.011.

6. R. Ramdani, M. Salman A.N., **H. Assiyatun**, On the total edge irregularity strength of some copies of ladder graphs, *Journal of Physics: Conference Series* 1280(2), 2019, doi: 10.1088/1742-6596/1280/2/022038.

7. R. Ramdani, M. Salman A.N., **H. Assiyatun**, On the Total Edge Irregularity Strength of Some Copies of Books Graphs, *Journal of Physics: Conference Series* 1245(1), 2019, doi: 10.1088/1742-6596/1245/1/012051.

8. **H. Assiyatun**, B. Rahadjeng, E.T. Baskoro, The connected size Ramsey number for matchings versus small disconnected graphs, *Electronic Journal of Graph Theory and Applications* 7 (1), 113 – 119, 2019, doi: 10.5614/ejgta.2019.7.1.9.

9. B. Rahadjeng, **H. Assiyatun**, E.T. Baskoro, The connected size Ramsey number for pair of matchings and small paths, *Proceedings of the Jangjeon Mathematical Society* 22(1), 35 – 42, 2019, doi: 10.17777/pjms2019.22.1.36.

10. K. Wijaya, E. T. Baskoro, **H. Assiyatun**, D. Suprijanto, On Ramsey (4*K*2, *P*3)- Minimal Graphs, *AKCE International Journal of Graphs and Combinatorics* 2017, doi: 10.1016/j.akcej.2017.08.003.

11. B. Rahadjeng, **H. Assiyatun**, E.T. Baskoro, Connected size Ramsey number for matchings vs. small stars or cycles, *Proceedings of the Indian Academy of Sciences: Mathematical Sciences* 127 (5), 2017, 10.1007/s12044-017-0366-z.

12. D. Rahmadani, E.T. Baskoro, **H. Assiyatun**, M. Bača, A. Semaničová- Feňovčíková, Some infinite families of Ramsey (P3,Pn)-minimal graphs for small n, *Proceeding-Mathematical Science,* 2017*,* doi: 10.1007/s12044-017-0361-4.

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15. K. Wijaya, E. T. Baskoro, **H. Assiyatun**, D. Suprijanto, On Ramsey (3*K*2, *K*3)- Minimal Graphs, *AIP Conference Proceedings*, 1707, 020025, doi: 10.1063/1.4940826, 2016.

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17. D. Rahmadani, E. T. Baskoro, **H. Assiyatun**, On Ramsey (P3, P6)-minimal graphs, *AIP Conference Proceedings*, 1707, 020016, doi: 10.1063/1.4940817, 2016.

18. B. Rahadjeng, E. T. Baskoro, **H. Assiyatun**, Connected size Ramsey numbers of matchings and stars, *AIP Conference Proceedings*, 1707, 020015, doi: 10.1063/1.4940816, 2016.

19. I. A. Purwasih, E. T. Baskoro, **H. Assiyatun**, D. Suprijanto, Locating-coloring on Halin graphs with a certain number of inner faces, *AIP Conference Proceedings*, 1707, 020014, doi: 10.1063/1.4940815, 2016.

20. D. K. Syofyan, E. T. Baskoro, **H. Assiyatun**, Trees with certain locating chromatic number, *Journal of Mathematical and Fundamental Sciences* 48(1), 39 – 47, 2016.

CURRICULUM VITAE
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ID Google Scholar	: hWIswzEAAAAJ&hl=id
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Short Biography

Nursanti Anggriani was born in Bandung in 1973. She holds a bachelor's degree in mathematics from Universitas Padjadjaran, Bandung (1996) and a master's degree in mathematics from the Faculty of Mathematics and Natural Sciences, Institute Technology Bandung (2002). In 2009, she received a higher education grant to join the Sandwich-like program at Flinders University Adelaide Australia. She obtained a doctorate in mathematics at the Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran (2011). She started her career as a teaching staff in the mathematics department of the Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran since 1998. The research subject focuses on applied mathematics, mainly in the fields of biological mathematics, epidemiological mathematics, dynamic systems and optimal control.

Research and Publication

Doctor Nursanti Anggriani is a researcher in the field of epidemiological mathematical modeling and system dynamics. Her mathematical works have been published in national and international journals and books.

The list of publications can be seen at:
https://scholar.google.co.id/citations?user=hWlswzEAAAAJ&hl=id

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2019	The effect of reinfection with the same serotype on dengue transmission dynamics	N Anggriani, H Tasman, MZ Ndii, AK Supriatna, E Soewono, E Siregar	Applied Mathematics and Computation	https://www.sciencedirect.com/science/article/abs/pii/S0096300318310695?via%3Dihub
2	2021	A mathematical COVID-19 model considering asymptomatic and symptomatic classes with waning immunity	N Anggriani, MZ Ndii, R Amelia, W Suryaningrat, MAA Pratama	Alexandria Engineering Journal	https://www.sciencedirect.com/science/article/pii/S11100168210035 13
3	2021	Estimating the reproduction number and designing the integrated strategies against dengue	Meksianis Z. Ndii, Nursanti Anggriani, Jakobis J. Messakh, Bertha S. Djahi	Results in Physics	https://authors.elsevier.com/tracking/article/details.do?aid=104473&jid=RINP&surname=Ndii
4	2020	Book “Dinamika Populasi Penyebaran Penyakit Tanaman”	Nursanti Anggriani, Rika Amalia	ALQAPRINT Jatinangor ISBN 978-623-295-065-8	
5	2020	Book “Teori Kontrol Optimal dan Aplikasinya pada Model Penyakit Tanaman”	Nursanti Anggriani, Rika Amalia, Wahyu Suryaningrat	ALQAPRINT Jatinangor ISBN 978-623-295-065-8	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018 - now	Community Service, Innovation and Cooperation Manager	Faculty Mathematics and Natural Sciences, Universitas Padjadjaran	http://www.fmipa.unpad.ac.id/fix/
2	2016 - 2018	Head of Center for Modeling, Computing and Simulation	Faculty Mathematics and Natural Sciences, Universitas Padjadjaran	http://www.fmipa.unpad.ac.id/fix/
3	2013 - 2016	Secretary of the Department of Mathematics	Faculty Mathematics and Natural Sciences, Universitas Padjadjaran	http://www.fmipa.unpad.ac.id/fix/
4	2012 - 2014	Secretary of the Indonesian Mathematical Society (IndoMS)	The Indonesian Mathematical Society (IndoMS)	https://indoms.id/
5	1998 - now	Active Lecturer in Mathematics Department Universitas Padjadjaran	Faculty Mathematics and Natural Sciences, Universitas Padjadjaran	http://www.fmipa.unpad.ac.id/fix/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2021	PDUPT	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.id/

2	2021	Basic research	National	Ministry of Research, technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.id/
3	2021	Doctoral Dissertation Research	National	Ministry of Research, Technology and Higher Education Republic of Indonesia	https://simlitabmas.ristekbrin.go.id/
4	2021	PMDSU – Like Unpad (BUPP)	Local	International resarch grant Universitas Padjadjaran	drpmi.unpad.ac.id
5	2021	Online Library Data Grants	Local	International resarch grant Universitas Padjadjaran	drpmi.unpad.ac.id
6	2021	Post-Doctoral Grant	Local	International resarch grant Universitas Padjadjaran	drpmi.unpad.ac.id
7	2019	Copyright Article of Dengue Multi Strain Model Number 000159936	National	Ministry of Law Human Rights Republic of Indonesia	https://staffs.unpad.ac.id/lppm/hki/cipta
8	2019	Copyright Article of Dengue Multi Strain Model Number 000159855	National	Ministry of Law Human Rights Republic of Indonesia	https://staffs.unpad.ac.id/lppm/hki/cipta

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
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Short Biography

Novriana Sumarti is an Associate Professor at Department of Mathematics, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, Indonesia since 2015. Born in Cimahi on November 15, 1970, she got a bachelor and master degrees from Institut Teknologi Bandung consecutively in years 1995 and 1998, a master degree from University of Cambridge in year 2001, and a Ph.D. degree in Mathematics from Imperial College London in the year 2005. The title of her Ph.D. thesis is Numerical Methods for Solving Two- Point Boundary Value Problems: Differed Correction Schemes, Interpolation, and Conditioning Methods.

Now her research interest includes Mathematical Modelling, Optimization, Mathematical Finance and Actuarial Science. Nationally, she initiated the research of Islamic Financial Mathematics in 2007 (http://docplayer.net/ 46633736-The-3-rd-international-

conference-on-mathematics-and-statistics. html), and the research of dynamical system of banking in 2013 (https://arxiv.org/abs/1306.0468). Currently there are two doctoral students who studying these topics. The books authored by her and her colleagues, related to these topics, are Matematika Keuangan (Financial Mathematics) 2019 and Matematika Keuangan Syariah (Shariah Financial Mathematics) 2019, which were published by ITB Press, and incoming book Model Matematika Perbankan (Mathematical Model of Banking) in 2021.

Since 2006, she has won research grants from ITB and Ministry of Research and the Higher Education, Republic of Indonesia. She had become a research visitor in University of Cambridge, UK (2012), University of Waterloo, Canada (2018), and University of Durham, UK (2019). Now her position is the Head of Actuarial Science Undergraduate Study Program, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung since 2021.

Research and Publication

Sumarti's research is ranging from Numerical Analysis, Optimization, Mathematical Models on Banking, Islamic Finance and Biomath, and also Acutarial Science. Her mathematical works have been published in national and international journals and books.

Her list of Publications can be found at:
https://scholar.google.com/citations?user=3Hbp_ZEAAAAJ&hl=en

The best recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Evaluating the Performance of Islamic Banks Using a Modified Monti-Klein Model;	N. Sumarti, I.G. Andirasdini, N.I. Ghaida and U. Mukhaiyar,	MDPI: Journal of Risk Financial and Management, 2020, 13, 43.	doi:10.3390/jrfm13030043. www.mdpi.com/journal/jrfm

2	2020	Analysis of premium for BPJS health insurance on Dengue Homorrhagic Fever casualties in four cities in Indonesia.	N. Sumarti, A.P. Lianto and K. Prasetya.	AIP Conference Proceedings 2264, 030001 (2020);	https://doi.org/10.1063/5.0023838.
3	2018	The Dynamical System of the Deposit and Loan Volumes of a Commercial Bank Containing Interbank Lending and Saving Factors	N. Sumarti, A. Fadhlurrahman, H.R. Widyani, I. Gunadi,	Southeast Asian Bulletin of Mathematics (2018) 42(5) : 757–772.	http://www.seams-bull-math.ynu.edu.cn/
4	2018	Population Growth Models of Forest Trees for Conservation Management: Case of Teak (Tectona Grandis) Forest in Begal, East Java, Indonesia	N. Sumarti, M.A. Wardana, N. Nuraini,	Hayati Journal of Biosciences, Vol 25, No 4, pages 169-177 (E-ISSN: 1978-3019).	https://journal.ipb.ac.id/index.php/hayati/article/view/24394
5	2017	Optimization of personnel cost in aircrew assignment problem using a simple Fuzzy Logic Approach.	Novriana Sumarti, Ferdyanto Chandra and Jeremy Minardi	MENDEL — Soft Computing Journal, Volume 23, No.1, June 2017, Brno, Czech Republic. Pages 133- 140.	https://mendel-journal.org/index.php/mendel/article/view/64

6	2017	A Mathematical Model of Profit-Loss Sharing Scheme of Small Investment for Traditional Market Traders using the Semi-Fuzzy Logic Approach,	N. Sumarti and A.D. Marendri	Journal of Islamic Monetary Economics and Finance, Vol.2, No.2, pp. 173-192.	https://jimf-bi.org/index.php/JIMF/article/view/650

The best organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021 - now	Head of Actuarial Science, Undergraduate Study Program	Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, Indonesia	http://www.math.itb.ac.id/undergraduate- program-in- actuarial-science/
2	2020 - now	Member of Team of Editor	Jurnal Matematika dan Sains (National Journal), FMIPA-ITB	https://jms.fmipa.itb.ac.id/index.php?journal=jms
3	2016 - 2018	Reporting Coordinator	ITB - JICA (Japan International Cooperation Agency) Development, Project Implementation Unit Team, Project, Directorate General of Learning and Student Affairs, Ministry of Education, Republic of Indonesia	https://www.jica.go.jp/english/our_work/evaluation/oda_loan/post/2005/pdf/2-10_full.pdf
4	2011 – 2015	Manager of Fellowship Service Agency (FSA) and Academic Advisor (AA)	Development of Bandung Institute Of Technology (III) – Direktorat Logistik, ITB	https://eproc.itb.ac.id/

5	2010 – 2015	Coordinator of Public Relation Officers	Faculty of Mathematics and Natural Sciences (FMIPA), ITB	www.fmipa.itb.ac.id

The best awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Research grant	National	National Research and Innovation Agency (Badan Riset dan Inovasi Nasional), Indonesia	https://www.brin.go.i d/
2	2021	P2MI Research grant	Local	LPPM (Institute of Research and Community Service), Institut Teknologi Bandung	https://www.lppm.itb.ac.id/
3	2018	Travel grant for a research visit at University of Waterloo	National	READI ((Risk Management, Economic Sustainability and Actuarial Science Development in Indonesia) Project	https://react.or.id/reaect.php
4	2017 - 2020	Excellent master and doctoral programs (PMDSU) Research grant	National	Ministry of Research and the Higher Education, Republic of Indonesia	https://www.su.com/
5	2017 - 2021	P3MI Research grant	Local	LPPM (Institute of Research and Community Service), Institut Teknologi Bandung	https://www.lppm.itb.ac.id/

6	2016	The Best Paper in the 2nd JIMF Call for Papers, Surabaya, Oktober 2016.	Internati onal	Journal of Islamic Monetary Economics and Finance, Bank of Indonesia,	https://jimf-bi.org/

CURRICULUM VITAE
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h-index Scopus	: 4

Short Biography

Titin Siswantining is Associate Professor of Statistics at Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Indonesia, Indonesia since 2001. She was born in Tuban (Indonesia) on April 28, 1961. She got a Doctor degree in Department of Statistics, Mathematics and Natural Sciences Institut Pertanian Bogor (IPB University) in Indonesia in the year 2013 with the Doctor thesis entitled Geoinformatics in the case of small area and its application to detect poverty pocket in Jember. She now focuses on research and research supervision in Group of Applied Statistics in medical research, biostatistics, & bioinformatics.

Titin Siswantining also has experiences in the organization as a secretary of Head of the Department of Mathematics in 2000 - 2004. For the mathematical society, Titin Siswantining was a Secretary of President of the Indonesian Statistical Society (FORSTAT) in 2016- 2022.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	A novel centroid initialization in missing value imputation towards mixed datasets	Titin Siswantining*, Taufik Anwar, Devvi Sarwinda, Herley Shaori Al-Ash	SCIK Publishing Corporation	http://scik.org/index.php/cmbn/article/view/5344
2	2021	Triclustering discovery using the δ-trimax method on microarray gene expression data	Titin Siswantining*, Noval Saputra, Devvi Sarwinda and Herley Shaori Al-Ash	MDPI Multidisciplinary Digital Publishing Institute	https://www.mdpi.com/2073-8994/13/3/437
3	2021	Students' Preparedness to Learn in eLearning Environment and their Perception on The MPKT Lecturers' Readiness to Manage Online Class	Titin Siswantining*, Herley Shaori Al-Ash, Kasiyah Junus, Lia Sadita, Diana Nur Vitasari, Luthfiralda Sjahfirdi, Harinaldi	MDPI AG	https://www.mdpi.com/2227-7102/11/3/139
4	2020	Finding correlated biclusters from microarray data using the modified lift algorithm based on new residue score	Alhadi Bustamam, Soeganda Formalidin, Titin Siswantining* and Zuherman Rustam	Inderscience Enterprises Ltd.	https://www.inderscience.com/info/inarticle.php?artid=113691

5	2020	Geoinformatics of tuberculosis (TB) disease in Jakarta city Indonesia	Titin Siswantining*, Niken Pratiwi Cahya Dewi Purwandani, Maria Hedwig Dewi Susilowati and Adi, Wibowo	GEOMATE International Society	https://www.geomatejournal.com/node/1906
6	2019	Classification of Thalassemia Data Using KNearest Neighbor and Naïve Bayes	Titin Siswantining*, Annisa Kamalia, Zuherman Rustam, Fajar Subroto, Aditya Suryansyah Semendawai	Science and Engineering Research Support Society	http://sersc.org/journals/index.php/IJAST/article/view/830

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021-2022 period	Secretary I (1st secretary)	Forum Pendidikan Tinggi Statistika (FORSTAT)	https://forstat.org/pengurusforstat-periode2021-2022/
2	2018-2020 period	Secretary	Forum Pendidikan Tinggi Statistika (FORSTAT)	https://forstat.org/pengurus/
3		Member	The Indonesian Mathematical Society (IndoMS)	http://member.indoms.id/public/member

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2013-2015	Penelitian Terapan Unggulan Perguruan Tinggi (PTUPT)	National	Ristek Dikti	https://simlitabmas.ristekbrin.go.id/main.aspx?page=30
2	2019-2020	Hibah PITTA B	Local	Universitas Indonesia	https://grant.ui.ac.id/pengusul
3	2020	Hibah PUTI	Local	Universitas Indonesia	https://granc.id/pengusul
4	2021	Hibah Riset MIPA	Local	Universitas Indonesia	https://grant.ui.ac.id/pengusul
5	2020-2021	Penelitian Dasar Unggulan Perguruan Tinggi (PDUPT)	National	Ristek Dikti	https://simlitabmas.ristekbrin.go.id/main.aspx?page=30
6	2020-2022	Penelitian Terapan Unggulan Perguruan Tinggi (PTUPT)	National	Ristek Dikti	https://simlitabmas.ristekbrin.go.id/main.aspx?page=30

CURRICULUM VITAE
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Short Biography

Dian Lestari is Lecturer of Statistics at Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Indonesia, Indonesia, since 1987. She was born in Jakarta on December 27, 1962. She got a Doctorat degree in Applied Mathematics in EHESS Paris - France in the year 1996. She now focuses on research in Statistics and Actuarial science.

Dian Lestari has experiences in the organization as a Manager of Education of Faculty of Mathematics and Natural Sciences Universitas Indonesia in 2014-2018, Head of the Department of Mathematics in 2018-now. Member of the Indonesian Mathematical Society (IndoMS) dan Ikatan Statistisi Indonesia (ISI).

Research and Publication

Recent publications

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	The comparison between recurrent neural network and grey model to predict Indonesia tuberculosis morbidity rate	D. Harlianto, S. Mardiyati, and D. Lestari	Journal of Physics: Conference Series 1722 (2021) 012093	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012093 / pdf

2	2021	Forecasting the tuberculosis morbidity rate in Indonesia using temporal convolutional neural network and exponential smoothing	A. A. A. W. Kusuma, S. Mardiyati , and D. Lestari	Journal of Physics: Conference Series 1722 (2021) 012086	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012086 / pdf
3	2020	Modeling total crime and the affecting factors in Central Java using geographically weighted regression	T. Runadi, Y. Widyaningsi h and D. Lestari	Journal of Physics: Conference Series 1442 (2020) 012026	https://iopscience.iop.org/article/10.1088/1742-6596/1442/1/012026 / meta
4	2020	Bayesian Zero Inflated Negative Binomial Regression Model for The Parkinson Data	Shafira, Sarini Abdullah, Dian Lestari	EAI	https://eudl.eu/doi/10.4108/eai.2-82019.2290530
5	2020	The prediction of postoperative morbidity in coronary artery bypass grafting using Naïve Bayes Classification and Bayes Factor	A. Rachardi, D. Lestari, S. Mardiyati, S. Devila, and A. H. A. Zili	AIP Conference Proceedings 2242, 030020 (2020)	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012086
6	2019	Performance of rotation forest ensemble classifier and feature extractor in predicting protein interactions using amino acid sequences	Bustamam A., Musti MIS, Hartom o S, Aprilia S, Tampubol on PP, Lestari D	BMC Genomics Volume 20/Supplement 9/2019	doi.org/10.1186/s12864-019-6304-y

The research grant

Number	Year	Title	Local/National/ International	Award Giving Organization
1	2020-2021	Academic Research Grant PUTI Q3	Local	Universitas Indonesia
2	2020-2021	Academic Research Grant PUTI Proceedings	Local	Universitas Indonesia
3	2018	Academic Research Grant PITTA B	Local	Universitas Indonesia

CURRICULUM VITAE
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h- index Scopus	: 3

Short Biography

Ema Carnia is a associate Professor of Algebra at Department of Mathematics, Faculty of Mathematics and Natura Sciences, Universitas Padjadjaran, Indonesia since 2006. She was born in Bandung on March 6, 1967. She got a Ph.D degree in Faculty of Mathematics and Natural Sciences Universitas Gadjah Mada in Indonesia in the year 2011 with the Ph.D. thesis entitled Functoriality and Isomorphism of Incidence Algebra of Partially Ordered Set (POSET). She now focuses on pure and applied of Algebra.

Ema Carnia also has experiences in the organization as a head of the bachelor study program of Mathematics in 2013-2021, and now she is a Head of the Department of Mathematics since 2021. For the mathematical society, Ema Carnia was a treasury of the Indonesian Mathematical Society (IndoMS) in 2012-2016.

Research and Publication

Ema Carnia's research is on pure and applied algebra. Her mathematical works have been published in national and international journals and books.

Her list of Publications can be found at:
https://scholar.google.com/citations?user=2__Kyd4AAAAJ&hl=id&oi=sra

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Implementation of centrality measures in graph represented information spreads with hashtag #bersatulawancorona in Twitter	(E Carnia, B Fermadona, H Napitupulu, N Anggriani, and A K Supriatna)	Journal of Physics: Conference Series 1722 (2021) 012068 IOP Publishing	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012068
2	2021	The construction of real Frobenius Lie algebras from non commutative nilpotent Lie algebras of dimension ≤ 4,	(E Kurniadi, E Carnia , and A K Supriatna)	Journal of Physics: Conference Series (JPCS) , (ICWHDDA-X) Volume 1722 (2021), Online ISSN: 1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012025,
3	2021	Quasi-Associative Algebras on the Frobenius Lie Algebra M_3 (R)⊕gl_3 (R)	Henti, Edi Kurniadi, Ema Carnia	Jurnal Pendidikan Matematika-Al-Jabar	http://ejournal.radenintan.ac.id/index.php/al-jabar/article/view/8485/4327
4	2019	Fibonacci numbers: A population dynamics perspective,	(Asep K. Supriatna, Ema Carnia, Meksianis Z. Ndii)	Journal Heliyon, Volume 5, Issue 1, January 2019, Article e01130, page 1 -17, Published by Elsevier Ltd,	https://doi.org/10.1016 /j.heliyon.2019.e 01130,

5	2020	Book : Aljabar Linear Elementer	(Edi Kurniadi, Ema Carnia and Isah Aisah)	Unpad Press	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2013-2021	Head of the bachelor study program of Mathematics	Universitas Padjadjaran	http://math.fmipa.unpad.ac.id/
2	2021-now	Head of the Department of Mathematics	Universitas Padjadjaran	http://math.fmipa.unpad.ac.id/
3	2012-2016	Treasure of IndoMS	Indonesian Mathematical Sociaty	https://indoms.id/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020	Copyright the book Number 000231611	National	Ministry of Law and Human Rights Republic of Indonesia	

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h- index Scopus	: 3

Short Biography

Denny Riama Silaban is Associate Professor of Graph Theory and Combinatoric at Department of Mathematics, Faculty of Mathematics and Natura Sciences, Universitas Indonesia, Indonesia since 1992. She was born in Dolo Sanggul on February 5, 1968. She got a Ph.D. degree (with Summa Cum Laude predicate) in Mathematics and Natural Sciences Institut Teknologi

Bandung in Indonesia in the year 2017 with the Ph.D. thesis entitled Restricted Size Ramsey Number Involving Graph of Size Two. She now focuses on research and research supervision in Ramsey Theory in Graph, Graph Labeling, Graph Coloring, and Adjacentcy and Antiadjacency Matrix of Graph.

Asc. Prof. Silaban won awards in research grant since 2008 from the Ministry of Research and the Higher Education Republic of Indonesia and from Universitas Indonesia.

Asc. Prof. Silaban also has experiences in the organization as a Head of Academic Quality Assurance Unit Faculty of Mathematics and Natural Sciences Universitas Indonesia in 2017-now. For the mathematical society, Asc. Prof.
Silaban is a Secretary of the Indonesian Combinatoria Society (InaCombS) in
2017-now, Treasury of the Indonesian Combinatoria Society (InaCombS) in 2013-2017, Member of Central Board of Indonesian Mathematical Society (IndoMS) in 2016-2020.

Asc. Prof. Silaban is a Managing Editor of Electronic Journal of Graph Theory and Applications since 2016 until now.

Research and Publication

Asc. Prof. Silaban's research is on the Ramsey Theory in Graph, Graph Labeling, Graph Coloring, and Adjacentcy and Antiadjacency Matrix of Graph. Her mathematical works have been published in national and international journals and books.

Her list of Publications can be found at: https://scholar.ui.ac.id/en/persons/denny-riama-silaban/publications/ https://scholar.google.com/citations?user=8phUFAkAAAAJ&hl=en https://www.researchgate.net/profile/Denny-Silaban

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Restricted size ramsey number involving matching and graph of order five	Denny Riama Silaban, Edy Tri Baskoro, Saladin Uttunggade wa	Journal of Mathematical and Fundamental Sciences	https://journals.itb.ac.id/index.php/jmfs/article/view/7058
2	2020	On the restricted size Ramsey number for P3 versus dense connected graphs	Denny Riama Silaban, Edy Tri Baskoro, Saladin Uttunggade wa	Electronic Journal of Graph Theory and Applications	https://www.ejgta.org/index.php/ejgta/article/view/1053

3	2019	On the restricted size Ramsey number involving a path P 3	Denny Riama Silaban, Edy Tri Baskoro, Saladin Uttunggade wa	Discussiones Mathematicae - Graph Theory. 39, 2, p. 741-755 15 p.	https://www.dmgt.u z.zgora.pl/publish/bl_view_pdf.php?ID=4988
4	2017	Restricted size Ramsey number for path of order three versus graph of order five	Denny Riama Silaban, Edy Tri Baskoro, Saladin Uttunggade wa	Electronic Journal of Graph Theory and Applications	https://www.ejgta.org/index.php/ejgta/article/view/356
5	2021	Infinite Family of Ramsey (K1,2,C4)-minimal Graphs	F. F. Hadiputra, D. R. Silaban	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012049

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	1992 - now	Lecturer	Universitas Indonesia	https://scholar.ui.ac.id/en/persons/denny-riama-silaban/publications/
2	2017 – now	Head of Academic Quality Assurance Unit	FMIPA Universitas Indonesia	https://www.sci.ui.ac.id/unit-penjaminan- mutu-akademik/
3	2017-2019, 2019 - now	Secretary	Indonesian Combinatorial Society	http://inacombs.id/pengurus/
4	2016-now	Managing Editor	Electronic Journal of Graph Theory and Applications	https://www.ejgta.org/
5	2016 – 2018, 2018 – 2020	Central Board Member	Indonesian Mathematical Society	https://indoms.id/en/home/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020	Hibah PUTTI	Local	Universitas Indonesia	
2	2019	Hibah PITTA	Local	Universitas Indonesia	
3	2017	Hibah Doktor	National	Ministry of Research and the Higher Education Republic of Indonesia	
4	2008-2012	Hibah Kompetensi	National	Ministry of Research and the Higher Education Republic of Indonesia	
5	2008, 2009	Penghargaan Penulisan Jurnal Internasional	Local	Universitas Indonesia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Field-1	: Operations Research and Optimization Modeling
Field-2	: Applied Mathematics
ID Scopus	: 26435734800
ID Orcid	: https://orcid.org/0000-0002-2073-1754
ID Google Scholar	: lWGDfOwAAAAJ
h- index Scopus	: 3

Short Biography

Diah Chaerani was born in Bandung, West Java, Indonesia, in June 5th 1976. She received her bachelor in Mathematics from Universitas Padjadjaran Indonesia, in 1998. Her master of science in Applied Mathematics from Institut Teknologi Bandung (ITB) Indonesia, in 2001, and her Ph.D. degree in optimization technology from Delft University of Technology (TU Delft) The Netherlands, in 2006. Now, she is an associate professor at the Department of Mathematics Universitas Padjadjaran Indonesia. Her research interests are operations research and optimization modeling

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Adjustable Robust Maximum Flow Problem with Parametric Ellipsoidal and Polyhedral Uncertainty Set.	Chaerani, D., Agustini, R.A. and Rusyaman, E.,	*IAENG International Journal of Applied Mathematics*, *51*(1).	http://www.iaeng.org/IJAM/issues_v51/issue_1/IJAM_51_1_09.pdf
2	2020	Scenarios for handling the impact of COVID19 based on food supply network through regional food hubs under uncertainty.	Perdana, T., Chaerani, D., Achmad, A.L.H. and Hermiatin, F.R.,	*Heliyon*, *6*(10), p.e05128.	https://www.sciencedirect.com/science/article/pii/S2405844020 31971X
3	2021	Adjustable robust counterpart optimization model for internet shopping online problem.	Chaerani, D., Rusyaman, E., Marcia, A. and Fridayana, A.,	In *Journal of Physics: Conference Series* (Vol. 1722, No. 1, p. 012074). IOP Publishing.	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012074/pdf
4	2021	Comprehensive survey on convex analysis in robust optimization.	Chaerani, D., Rusyaman, E. and Muslihin, K.R.A., 2021, January.	In *Journal of Physics: Conference Series* (Vol. 1722, No. 1, p. 012075). IOP Publishing.	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012075/pdf
5	2021	Robust optimization modelling with applications to industry and environmental problems.	Chaerani, D., Dewanto, S.P. and Lesmana, E.,	In *Journal of Physics: Conference Series* (Vol. 893, No. 1, p. 012065). IOP Publishing.	https://iopscience.iop.org/article/10.1088/1742-6596/893/1/012065/pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019-now	Mathematics Graduate Program Coordinator	Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran	
2	2016-2017	Collaboration Manager	Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran	
3	2013-2016	Head of Laboratory Research and Collaboration	Departement of Mathematics Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran	
4	2019-now	Editor in Chief Jurnal Matematika Integratif,	Departement of Mathematics Faculty of Mathematics and Natural Sciences, Universitas Padjadjaran	http://jurnal.unpad.ac.id/jmi
5	2015-2017	Managing Editor of Journal of Indonesian Mathematics Society	Indonesian Mathematics Society	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020-2023	Basic Research Grant entitle "Adjustable Robust Counterpart Optimization Model and Media Social Analysis for Internet Shopping Online Problem"	National	Kemenristekbrin	
2	2020	Intelectual Copyright for Book entitled "Optimisasi Robust untuk	National	Kemenhumham	

		Masalah Pemrograman Konveks Kuadratik”			
3	2018	Intelectual Copyright for book entitled “Optimisasi Robust: Kajian Teori dan Penerapannya dalam Bidang Industri dan Lingkugan”	National	Kemenhumham	
4	2017	The best poster on Seminar Competence Research Grant	National	Kemenristekdikti	
5	2016	*Individual Research Grant “Solving Uncertain Conic and Robust Optimization Problem in Industrial and Environment Problem”*	International	TWAS (The World of Academy Sciences)	twas.org

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

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Field-1	: Statistics
Field-2	: Computation
ID Scopus	: 37078874200
ID Orcid	: https://orcid.org/0000-0002-2776-2350
ID Google Scholar	: 3f3X-AAAAAJ&hl =en
h-index Scopus	: 3

Short Biography

Suci Astutik, is the associate professor at the Statistics Department, Faculty of Mathematics and Natural Sciences, Universitas Brawijaya Malang since 2015. Previously, in 1997-1999 as a Quality Assurance staff at Marufuji Kenzai Indonesia, Ngoro Industri Persada, Mojokerto. In 1997. she graduated bachelor at the Department of Mathematics, Universitas Brawijaya in the statistics field. In 2003, she achieved master degree at the Department of Mathematics, Institut Teknologi Bandung in the Statistics and Applied mathematics field. In 2013 she achieved doctor degree at the Department of Statistics, Institut Teknologi Sepuluh Nopember with the research focus on Bayesian Spatio temporal and statistics computation.

She have also published her research in some National and International conference and journals. Her published books are Analisis Multivariat, Teori dan Aplikasinya dengan SAS (Multivariate Analysis, Theory and Its Application with SAS) in 2018 and Analisis Data Kategorik Menggunakan R, Teori Dan Aplikasinya pada Berbagai Bidang (Categorical Data Analysis Using R, Theory and Its Applications in some Fields) in 2020.

Research and Publication

Associate Professor Astutik's research is on the Bayesian Spatio Temporal Modelling and statistics computation.

Her list of Publications can be found at:

https://scholar.google.com/citations?user=-3f3X-AAAAAJ&hl=en

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Comparison of Phenomenologi cal Growth Models in Predicting Cumulative Number of Covid-19 Cases In East Java Province, Indonesia	I Darti, U Habibah, S Astutik, WM Kusumawin ahyu, A Suryanto	Commun. Math. Biol. Neurosci. 2021, 2021:14	http://scik.org/i ndex .php/cmbn/articl e/vi ewFile/5338/264 8
2	2021	Fuzziness Evaluation on Hybrid Context Based Clustering Methods with Fuzzy Geographically Weighted ClusteringParticle Swarm Optimization Algorithm	S.N. Abdussama, S. Astutik, A. Efendi[1]	Journal of Physics: Conference Series. 2021. IOP Publishing	https://iopscien ce.i op.org/article/1 0.10 88/1742- 6596/1811/1/01 208 7/pdf
3	2020	Book: Analisis Data Kategorik Menggunakan R, Teori dan Aplikasinya di Berbagai Bidang	A.B. Astuti, A. Efendi, S. Astutik, E. Sumarminin gsih	UB Press ISBN: 978- 623- 296-006-0 / 978- 623-296- 0077(e)	

4	2019	Posterior Predictive of Bayesian Vector Autoregressive (BVAR) and Adjusting Transformation on the Spatio Temporal Disaggregation Method: Predict Hourly rainfall data at the outsampled Locations	S. Astutik, U. Sa'adah, Darmanto, S. Adhisuwignjo	Pakistan Journal of Statistics and Operation Research, Volume 15, Nomor 2, halaman 357-369, tahun 2019, ISSN. 1816-2711	https://www.pjsor.com/index.php/pjsor/article/view/2651
5	2018	Book : Analisis Multivariat, Teori dan Aplikasi dengan SAS	S. Astutik, Solimun, Darmantto	UB Press ISBN : 978-602432-473-5 / 978602-432-4742(e)	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2015-2018	Secretary	Department of Mathematics, Universitas Brawijaya	https://matematika.ub.ac.id/en/home/
2	2018-now	Head of Statistics Magister Study Program	Department of Statistics, Universitas Brawijaya	https://statistika.ub.ac.id/en/homeenglish/
3	2018-now	Committee	Indonesian Mathematical Society (IndoMS)	https://indoms.id/
4	2018-2020	Committee	Forum Pendidikan Tinggi Statistika (FORSTAT)	https://forstat.org/
5	2019-now	Member	International Association of Engineers (IAENG)	http://www.iaeng.org/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link(if any)
1	2013-2015	Fundamental Research Grant	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
2	2011	Scholarship of sandwich	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
3	2019now	Associate Professor Research Grant	Local	Rector of Universitas Brawijaya	
4	2018	Higher education Fundamental Research grant	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
5	2021	DPP/SPP Research Grant	Local	Rector of Universitas Brawijaya	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

Name	: Dr. Ikha Magdalena
Affiliation	: Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung
Office Addres	: Jalan Ganesha 10, Center for Advanced Studies (CAS), 4th floor, Lebak Siliwangi, Coblong, Bandung, West Java, Indonesia 40132
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Phone/WA	: +62-81220192397
Field-1	: Applied Mathematics
Field-2	: Numerical Modelling for Fluid and Wave Phenomena
ID Scopus	: 55243661000
ID Orcid	: https://orcid.org/0000-0001-7036-7877
ID Google Scholar	: Wq3UJU8AAAAJ&hl=en
h- index Scopus	: 8

Short Biography

Ikha Magdalena is a Lecturer at Institut Teknologi Bandung. She received a Doctoral degree in Mathematics from Institut Teknologi Bandung in Indonesia in 2006. Her dissertation was titled Non-hydrostatic Model for Free Surface Waves over A Submerged Porous Breakwater, and to this day she continues to conduct research on fluid dynamics, wave models, numerical modeling, and coastal protection. Since 2017, she has been appointed as the secretary of The Center for Coastal and Matine Developement of ITB.

Her research has been published in Applied Mathematics and Computation Journal (Q1), and other reputable mathematics and engineering Journals. Since the beginning of her career as a researcher, she has been awarded numerous grants from the Indonesian Ministry of Research, Technology, and Higher Education as well as from Institut Teknologi Bandung. She received an Award in Industrial and Academia Partnership from Royal Academy of Engineering, the Individual Researcher Links Award from the British Council and a grant from the Newton Fund. She is also

the creator of Wave Interaction with Vegetation, a copyrighted fluid modeling software, and she actively manages ITB's Research Center for Coastal and Ocean.

She believes in the power of collaboration in research, and works on research problems with colleagues from Indonesia, the UK, the Philippines, China, India and the Netherlands. Aside from joint projects, she maintains active participation in mathematical societies. Since 2014, she has been heavily involved in the management of the Indonesian Mathematical Society (IndoMS) and now serves as its Coordinator of International Collaborations. She is a steering committee of the Silkroad Mathematics Center and the Executive Committee of the Society for Industrial and Applied Mathematics (SIAM). She is the faculty advisor of SIAM Student Chapter ITB.

She works with industry partners to bring the benefits of mathematical research to communities around her. Her work with Witteveen+Bos in Demak, involving the application of her research on mangroves, helps protect communities living along the coastline from wave damage. The UK Embassy in Indonesia and the British Council annually acknowledge the impact of her work in the publication Women In Engineering Days News.

Research and Publication

Dr Magdalena has an established national reputation and burgeoning international track record in analytical and computational work on fluid and wave phenomena. This is evidenced by several papers published in highly impactful and reputable journals, where some papers are in Q1 Scopus indexed journals.

Additionally, her impact to the society is also recognized by the British Council during the International Women in Engineering Day (https://mobile.twitter.com/UKinIndonesia/status/1275395933937627136) and
Women in Science day
(https://www.instagram.com/p/CLIw9pKLWFN/?utm_medium=copy_link)

Her list of Publications can be found at:

https://scholar.google.com/citations?user=Wq3UJU8AAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	A Mathematical Model for Investigating The Resonance Phenomenon in Lakes	**I.Magdalena**, N. Karima, and H. Q. Rif'atin	Wave Motion 100(3): 102669 Q2	https://doi.org/10.1016 /j.wavemoti.2020.102669

2	2020	Wave Transmission by Rectangular Submerged Breakwaters	**I. Magdalena**, M. F. Atras, L. Sembiring, M. A. Nugroho, R. S. B. Labay, and M. P. Roque	Computation 8(2): 56 Q2	https://doi.org/10.3390 /computation8020056
3	2020	Seiches and harbour oscillations in a porous semiclosed basin	I**.Magdalena**, H. Q. Rif'atin, and D. E. Reeve	Applied Mathematics and Computation 369: 124835 Q1	https://doi.org/10.1016 /j.amc.2019.124835
4	2020	Analytical and numerical studies for harbor oscillation in a semi-closed basin of various geometric shapes with porous media	**I.Magdalena** and H. Q. Rif'atin	Mathematics and Computers in Simulation 170: 351-365 Q1	https://doi.org/10.1016 /j.matcom.2019.10.020
5	2020	Application of particle swarm optimization in optimal placement of tsunami sensors	A.Ferrolino, R. Mendoza, **I. Magdalena**, and J. E. Lope	PeerJ Computer Science Q1	https://doi.org/10.7717 /peerj-cs.333
6	2018	Free-surface long wave propagation over linear and parabolic transition shelves	I**.Magdalena**, Iryanto, and D. E. Reeve	Water Science and Engineering 11(4): 318-327 Q1	https://doi.org/10.1016 /j.wse.2019.01.001
7	2015	Staggered momentum conservative scheme for radial dam break simulation	**I.Magdalena**, N. Erwina, and S. R. Pudjaprasetya	Journal of Scientific Computing 65: 867–874 Q1	https://doi.org/10.1007/s10915-015-99875

The best five organization experiences

Numer	Year	Position	Organization	Link (if any)
1	2018-now	Cooperation Development Commission	Indonesian Mathematical Society	https://indoms.id/
2	2020-now	Head of Program Development	Freshman Program, Institut Teknologi Bandung	https://ltpb.itb.ac.i d/
3	2020-now	Central Secretariat	Center for Coastal and Marine Development of the Bandung Institute of Technology (PPWPLITB)	https://english.wrri m.itb.ac.id/center/ center-forcoastal-andmarinedevelopment/
4	2020-now	Executive Committee	East Asia Section of Society of Industrial and Applied Mathematics (EASIAM)	https://www.easia m.org/
5	2018-2020	Steering Committee	Silkroad Mathematics Center	http://www.cms.or g.cn/en/mathcent erintro_332.html
6	2017-2019	Faculty advisor of SIAM Student Chapter Indonesia	Society of Industrial and Applied Mathematics (SIAM)	https://www.siam. org/
7	2016-2018	Treasurer	Indonesian Mathematical society	https://indoms.id/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2021-2023	Applied Research Grant	National	Ministry of Research and Technology of the Republic of Indonesia	https://int ernational .brin.go.id /

2	2021	Interdisiplinar y Research Grant	Local	Riset KK - Institut Teknologi Bandung	https://www.lppm.itb.ac.id/penelitian/program-penelitian/programpenelitian/
3	2018-2022	Basic Research Grant	National	Ministry of Research and Technology of the Republic of Indonesia	https://international.brin.go.id/
4	2018	Award in Research in Industry and Academia Partnership	International	Royal Academy of Engineering, UK	https://www.raeng.o rg.uk/
5	2016-2018	Global Innovation Initiative	International	British Council	https://www.britishcouncil.org/exam/aptis/research/assessmentadvisoryboard/awards
6	2016-2019	Academic Research Grant	Local	Riset KK - Institut Teknologi Bandung	https://www.lppm.itb.ac.id/penelitian/program-penelitian/programpenelitian/

7	2017	Researcher Links Award	International	Bristish Council	https://www.britishcouncil.id/en/programmes/education/newtonfund/newtonresearcher-links
8	2018	Interational Collaboration Research	National	Institut Teknologi Bandung	https://wcu.itb.ac.id /?cat=-1
9	2021	A copyrighted fluid modeling software WCOASTPRO/No. 000219750	National	Ministry of Law and Human Rights Republic of Indonesia	http://software.wavecoastalprotection.c om/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Field-1	: Optimization
Field-2	: Computational Mathematics
ID Scopus	: 6666962
ID Orcid	: https://orcid.org/0000-0002-1638-282X
ID Google Scholar	: 8YbKgv8AAAAJ
h- index Scopus	: 6

Short Biography

Herlina Napitupulu is a lecturer at Department of Mathematics, Faculty of Mathematics and Natura Sciences, Universitas Padjadjaran, Indonesia since 2018. She was born in Balikpapan on April 8, 1988. She got a bachelor degree in mathematics in the year 2011, Master of Science in Faculty of Science and Technology, Universiti Malaysia Terengganu in 2013, and Ph.D. in the same university in School of Informatics and Applied Mathematics in 2017. Her research interest and supervision are in the field of Optimization, Computational Mathematics, and Graph Theory and its Applications.

Research and Publication

Napitupulu's research is on Global Optimization (Filled Function and Genetics Algorithm method), Computational Mathematics, and Graph Theory and its applications (Centrality Measures and Graph Coloring). Her mathematical works and publications can be found at: https://scholar.google.co.id/citations?user=8YbKgv8AAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publi sher	Link
1	2021	Book: Seri Menyongsong SDGs Studi SDGs Interlinkages kabupaten Cirebon	Ahmad Komarulzaman, Zuzy Anna, Arief Anshory Yusuf, Robi Andoyo, Herlina Napitupulu, Aisyah Amatul Ghina, Putri Riswani Halim	Publisher: Unpad Press, ISBN 978602-439-9351	http://sdgcenter.unpad.ac.id/sdgs-books/
2	2021	Centrality measures in transportation networks for Unpad campus route	H Napitupulu, E Carnia, N Anggriani, AK Supriatna	Journal of Physics: Conference Series 1722 (1), 012063	https://iopscience.iop.org/article/10.1088/1742-6596/1722/1/012063/pdf
3	2020	A Comparison of Centrality Measures in Sustainable Development Goals	S Ariesandy, E Carnia, H Napitupulu	BAREKENG: Jurnal Ilmu Matematika dan Terapan 14 (3), 309320	https://ojs3.unpatti.ac.id/index.php/barekeng/article/download/1675/2192
4	2020	Analysis of flood insurance premium amount using fuzzy inference of sugeno method	Sukono, Parmikanti, K., Panggabean, N., Napitupulu, H., Prabowo, A	Opcion, 2020, 36(91), pp. 232–248	http://www.scieloopcion.com/91/14.pdf
5	2019	Solving onedimensional unconstrained global	Mohd, I.B., Dasril, Y., Pandiya, R., Napitupulu, H.	Telkomnika (Telecommun ication	DOI: 10.12928 /TELKOMNIKA.v17i4.10885

		optimization problem using parameter free filled function method		Computing Electronics and Control), 2019, 17(4), pp. 2125~2138	

The best five organization experiences

Number	Year	Position	Organization	Link
1	2021	Secretary	Research Center for Artificial	https://aida.unpad.ac.id/organizationalchart/
			Intelligence & Big Data, Unpad	
2	2018-2021	Editorial Manager	Jurnal Matematika Integratif, Unpad	https://jurnal.unpad.ac.id/jmi
3	2012-2017	Editors	Jurnal Kalam Malaysia (Karya Lorekan Asli Ahli Matematik)	https://jurnalkalam.wordpress.com/editorial board/
4	2021	Member	IORA - Indonesian Operations Research Association	https://iora.or.id

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2012-2013	Master Scholarship	International (Malaysia)	Ministry of Higher Education Malaysia	-
2	2013-2016	PhD Scholarship	International (Malaysia)	Ministry of Higher Education Malaysia	-

CURRICULUM VITAE

WOMEN MATHEMATICIAN/STATISTICIAN AT ASEAN COUNTRIES
COUNTRY : INDONESIA

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Field-1	: Statistics
Field-2	: Bayesian Statistical Modeling and BioStatistics
ID Scopus	: 56406533000
ID Orcid	: https://orcid.org/0000-0003-4326-6901
ID Google Scholar	: oS8qMvsAAAAJ&hl=id
h- index Scopus	: 4

Short Biography

Ani Budi Astuti, was born in Kediri Regency, East Java to a late father who had a job as a trader and a mother who was also a trader who was very supportive of the education of her children. The author is blessed with a daughter who really gives great support and spirit to the author. The author is a Lecturer at the Statistics Study Program, Mathematics Department, Faculty of Mathematics and Natural Sciences, Brawijaya University Malang since 1992 and since 2018, the Statistics Study Program has the status of a Statistics Department. In 1991, the author obtained the title of Dra. in the Department of Mathematics, Universitas Brawijaya in the field of Statistics. In 1997, the author earned his M.Sc. at the Department of Statistics, Bogor Agricultural University in the field of Applied Statistics. In 2017, the author achieved the title of Dr. in the Department of Statistics, Sepuluh Nopember Institute of Technology Surabaya with a specialization Bayesian Mixture Averaging Model on the application of Microarray Data cases. Some of the subjects taught by the author include: Categorical Data Analysis (S1 and S2), Advanced Categorical Data Analysis, Introduction to Opportunity Science, Quality Control Statistics,Statistical Methods I, Mathematics I, Biostatistics, Introduction to Life Sciences, Basic Statistics, Bayesian Analysis , and Demographics. The author is active in various research activities published in international and national seminars, as well as international

journals. The author is also active in community service activities, one of which is the Serving Doctoral Program in 2018 and 2021. The work of Categorical Data Analysis Books, applications in various fields with R has been written in 2020. The author can be contacted via Email address: ani_budi@ub.ac .id.

Research and Publication

The research and publications that I have done as lead researcher for the last 6 years are research in the field of Biostatistics and Bayesian Statistical Modeling in the health. Various research topics are presented in the followin:

No	Year	Title
1	2021	Development of Bayesian Mixture of Mixture Modeling for Mapping Diabetes Mellitus Regions in Malang City, East Java
2	2021	Development of Spatial Hidden Markov Bayesian Approach Model for Daily Rainfall Prediction in East Java (Member)
3	2021	Bayesian Calibration of Monte Carlo Averaging Markov Chain Model on ARIMA Modeling for Covid-19 Cases in East Java Region
4	2020	SELECTION OF SPATIAL WEIGHTING MATRIX ON THE BEST LINEAR UNBIASED PREDICTION SPATIAL MODEL (SEBLUP) (Study of Per Capita Expenditure in Bali Province) (Member)
5	2019	Bayesian Modeling of Diabetes Mellitus Patients in Malang City: A Review of Various Distribution Approaches
6	2018	Continuous Ranked Probability Score (CRPS) Algorithm in Bayesian Mixture Modeling for Microarray Data in Indonesia
7	2016	Modeling Blood Sugar Levels in Diabetes Mellitus Patients Through the Development of the Bayesian Mixture Model Averaging Algorithm (Year II)
8	2015	Modeling Blood Sugar Levels in Diabetes Mellitus Patients Through the Development of the Bayesian Mixture Model Averaging Algorithm (Year I)

The Best Five Recent Publications in Journals and/or Books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2017	Bayesian Mixture Model Averaging (BMMA) for Identifying the Differences Genes Expression of Chickpea (*Cicer Arietinum*) Plant Tissue	AB Astuti, N Iriawan, Irhamah, H Kuswanto	Communications in Statistics-Theory and Methods 46 (21), 10564-10581 / Taylor & Francis	https://www.tandfonline.com/doi/abs/10.1080/03610926.2016.1239112
2	2019	Simulation study scenario algorithm on gene expression differences of Chickpea data in Indonesia to modeling series with the Bayesian approach	AB Astuti, AAR Fernandes, N Iriawan	IOP Conference Series: Materials Science and Engineering 546 (5), 052024	https://iopscience.iop.org/article/10.1088/1742-6596/1218/1/012056/meta
3	2017	Development of reversible jump Markov Chain Monte Carlo algorithm in the Bayesian mixture modeling for microarray data in Indonesia	AB Astuti, N Iriawan, Irhamah, H Kuswanto	AIP Conference Proceedings 1913 (1), 020033	https://aip.scitation.org/doi/abs/10.1063/1.5016667
4	2016	Blood Sugar Levels of Diabetes Mellitus Patients Modeling with Bayesian Mixture Model Averaging	AB Astuti, N Iriawan, Irhamah, H Kuswanto, L Sasiarini	Global Journal of Pure and Applied Mathematics 12 (4), 3143-3158	https://www.ripublication.com/gjpam16/gjpamv12n4_32.pdf
5	2015	An Algorithm for Determining the Number of Mixture Components on the Bayesian Mixture Model Averaging for Microarray Data	AB Astuti, N Iriawan, Irhamah, H Kuswanto	Journal of Mathematics and Statistics 11 (2), 45	https://thescipub.com/abstract/10.3844/jmssp.2015.45.51

6	2020	Analisis Data Kategorik Menggunakan R: Teori dan Aplikasinya pada Berbagai Bidang	Ani Budi Astuti, Achmad Efendi, Suci Astutik, Eni Sumarminingsih	UB Press	https://books.google.co.id/books?id=hR78DwAAQBAJ&printsec=copyright&redir_esc=y#v=onepage&q&f=false

The Best Five Organization Experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Member	FORSTAT	https://forstat.org/
2	2021	Member	ISI	http://isi-indonesia.org/
3	2021	Member	IndoMS	https://indoms.id/en/home/
4	2020	Member	FORSTAT	https://forstat.org/
5	2020	Member	ISI	http://isi-indonesia.org/
6	2020	Member	IndoMS	https://indoms.id/en/home/

The Best Five Awards including Research Grant and/or Copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Hibah Doktor Lektor Kepala	Local	Universitas Brawijaya	https://sipp.ub.ac.id//proposal/
2	2021	Hibah Doktor Mengabdi	Local	Universitas Brawijaya	https://sipp.ub.ac.id//proposal/
3	2020	Hak Cipta / HAKI	National	Kementerian Hukum dan Hak Asasi Manusia Republik Indonesia	https://sinta.risgo.id/affiliation?page=184&vieid=404

4	2018	Hibah Doktor Mengabdi	Local	Universitas Brawijaya	https://sipp.ub.ac.id//proposal/
5	2016	Travel Grand	International	Japan Mathematical Society	http://www.seams-math.org/index.php?option=com_content&view=article&id=85&Itemid=2098

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: INDONESIA

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ID Orcid	: **https://orcid.org/0000-0001-9344-8266**
ID Google Scholar	: DgW41mgAAAAJ
h- index Scopus	: 3

Short Biography

Undergrade	: Gadjahmada University, Indonesia
Master	: University of Tasmania, Australia
Ph. D.	: Bandung Institute of Technology

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Matematika Teknik dan Aplikasinya	I Sihwaningrum, Y Dasril	Penerbit Erlangga	
2	2020	Extension of Hardy–Littlewood–Sobolev Inequalities for Riesz Potentials on Hypergroups	I Sihwaningrum, S Maryani, H Gunawan	Mediterranean Journal of Mathematics 17 (6), 1-11	https://link.springer.com/article/10.1007/s00009-02001645-w
3	2019	Kalkulus Thomas Jilid 2 (*Buku Terjemahan)*	I Sihwaningrum, B H Guswanto	Penerbit Erlangga	
4	2018	Maximal and fractional integral operators on generalized Morrey spaces over metric measure spaces	I Sihwaningrum, H Gunawan, E Nakai	Mathematische Nachrichten 291 (8-9), 1400-1417	https://onlinelibrary.wiley.com/doi/abs/10.1002 /mana. 201600350
5	2017	Kalkulus Thomas Jilid 1 (*Buku Terjemahan)*	I Sihwaningrum, R Reorita, M. N. Estri	Penerbit Erlangga	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Teasurer	IndoMS	
2	2017 - 2020	Vice Governor	IndoMS DIY-Jateng	
3	2019 - 2021	member	Kamindo (Komunitas Analisis Matematika Indonesia)	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020 - 2021	Riset Institusi UNSOED	Local	Universitas Jenderal Soedirman	
2	2018 - 2019	Penelitian Dasar Unggulan Perguruan Tinggi	National	Kemenristek Dikti	
3	2015	Penelitian Hibah Kompetensi	National	Kemenristek Dikti	
4	2014	Ranked 2nd for the Best Head of Department	Local	Fakultas Sains dan Teknik Universitas Jenderal Soedirman	
5	2011	Ranked 3rd for the Best Lecturer	Local	Fakultas Sains dan Teknik Universitas Jenderal Soedirman	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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Field-2	: -
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ID Google Scholar	: cnRY3xIAAAAJ
h- index Scopus	: 3

Short Biography

Kristiana Wijaya is a lecturer of Mathematics at the Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Jember, Indonesia since 2000. She was born in Surabaya on August 13, 1974. She got a Ph.D. degree in Mathematics and Natural Sciences Institut Teknologi Bandung in Indonesia in the year 2017 with the Ph.D. thesis entitled Ramsey Minimal Graphs. She now focuses on research and research supervision in Graph Theory.

Since 2018, Kristiana Wijaya becomes chair of the Research Group of Graph, Combinatorics, and Algebra. She has around 19 publications. She has experience in the organization as a treasurer of the Indonesian Combinatorial Society in 2017 – Now. She is also active as an editorial team in several Mathematical Journals.Since 2018, Kristiana Wijaya becomes chair of the Research Group of Graph, Combinatorics, and Algebra. She has around 19 publications. She has experience in the organization as a treasurer of the Indonesian Combinatorial Society in 2017 – Now. She is also active as an editorial team in several Mathematical Journals.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal / Publisher	Link
1	2020	Subdivision of graphs in $R(mK_2, P_4)$	**K. Wijaya**, E.T. Baskoro, H. Assiyatun, D. Suprijanto	Heliyon	https://doi.org/10.1016 /j.heliyon. 2020.e03843
2	2017	On Ramsey (mK_2, H)minimal graphs	**K. Wijaya**, E.T. Baskoro, H. Assiyatun, D. Suprijanto	Graphs and Combinatorics	https://doi.org/10.1007/s00373-0161748
3	2021	On inclusive distance vertex irregularity strength of small identical copies of star graphs	F. Susanto, C. N. Betistiyan, I. Halikin, **K. Wijaya**	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/17426596/1872/1/012005
4	2021	Odd harmonious labeling of two graphs containing star	D.A. Pujiwati, I. Halikin, **K. Wijaya**	AIP Conference Proceedings	https://doi.org/10.1063/5.0039644
5	2020	Local super antimagic total labeling for vertex coloring of graphs	Slamin, N.O. Adiwijaya, M.A. Hasan, Dafik, **K. Wijaya**	Symmetry	https://doi.org/10.3390 /sym 12111843

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017 – Now	Treasurer	Indonesian Combinatorial Society	http://inacombs.id/
2	2018 – Now	Chair	Graph, Combinatorics, and Algebra Research Group	
3	2017 – Now	Member	Indonesian Mathematical Society	https://indoms.id/en/home/
4	2020 – Now	Member	Indonesian Algebra Society	
5	2017 – Now	Editorial Team	Journal of the Indonesian Mathematical Society	https://www.jimsa.org/index.php/jimsa/about/editoria lTeam
6	2017 – Now	Editorial Team	Indonesian Journal of Combinatorics	http://ijc.or.id/index.php/ijc/about/editorialTeam

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National / International	Award Giving Organization	Link (if any)
1	2020	"Hibah KeRis" Batch 1 Universitas Jember	Local	Universitas Jember	

2	2019	World Class Research	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
3	2019	"Hibah KeRis" Batch 1 Universitas Jember	Local	Universitas Jember	
4	2019	"Penelitian Dasar Kompetitif Nasional"	National	Ministry of Research, technology and Higher Education Republic of Indonesia	
5	2018	"Hibah KeRis" Batch 1 Universitas Jember	Local	Universitas Jember	

CURRICULUM VITAE
WOMEN MATHEMATICIAN IN ASEAN COUNTRIES
COUNTRY: INDONESIA

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ID Orcid	: https://orcid.org/0000-0001-9918-4599
ID Google Scholar	: cUFi-gIAAAAJ
h- index Scopus	: 1

Short Biography

Since 1989, Dumaria Rulina Tampubolon is a fulltime faculty member of the Faculty of Mathematics and Natural Sciences at Institut Teknologi Bandung, Indonesia. She obtained her Doctor of Philosophy degree in Actuarial Studies from Macquarie University, Sydney, Australia, in 2008; her Master of Science degree in Mathematics, majoring in Statistics, from Monash University, Melbourne, Australia, in 1997; and her *Sarjana* degree in Mathematics from Institut Teknologi Bandung, Indonesia, in 1988.

Dr. Tampubolon's main research interests are in General (Non-Life) Insurance, such as: topics in earthquake insurance; the estimation of the outstanding claims liability for a long tail general insurance business; and the application of generalized linear models in determining the pure premium of automobile insurance and of health insurance.

Dr. Tampubolon is a Co-recipient, with Prof. Gary G. Venter, of the "2010 Variance Prize" for the paper "Robustifying Reserving" (*Variance* 4:2). The Variance Editorial Board awards the Variance Prize for the best paper published in each volume year of the journal.

From 2011 to 2019, Dr. Tampubolon was an actuarial consultant at PT Reasuransi MAIPARK Indonesia; in particular, for actuarial problems relating to earthquake insurance. From 2014 to 2019, Dr. Tampubolon was an Independent Commissioner at PT Asuransi AXA Indonesia (PT AXA General Insurance); and from September 2020 to present, Dr. Tampubolon is an Independent Commissioner at PT AXA Financial Indonesia. Since 2015 to present, she is also "Certified in Risk Governance Professional" awarded by the *Lembaga Sertifikasi Profesi Manajemen Risiko,* International Accreditation Organization and *Badan Nasional Sertifikasi Profesi.* Dr. Tampubolon speaks in conferences, seminars, and workshops as a keynote or guest speaker relating to general insurance and earthquake insurance. One of such events was giving an "*Orasi Ilmiah*" (scientific speech) at the 2010 graduation of "Asosiasi Ahli Manajemen Asuransi Indonesia".

During the period of 2009 to 2012, Dr. Tampubolon was the Head of the ITB Research Team, in cooperation with *Biro Perasuransian, BAPEPAM-LK,* Indonesia Ministry of Finance and with the Society of Actuaries of Indonesia, in the "Ratemaking for Automobile Insurance in Indonesia" Project. From 2012 to 2015, Dr. Tampubolon was invited by the Faculty of Science and Technology, Prince of Songkla University Pattani Campus, Thailand, as a chairman and/or discussant at the Postgraduate Students Seminars of the Research Methodology Program. In the 1999 Indonesia General Election, Dr. Tampubolon was the Head of the Parallel Vote Tabulation (PVT) Program for the 1999 Indonesian General Election Monitoring, a cooperation between *Forum Rektor Indonesia* and the National Democratic Institute (the Carter Centre), USA. The 1999 PVT program was the first and the largest (covered all 27 provinces in Indonesia at that time, from Aceh to Papua) of such similar programs nowadays in Indonesia called the "Quick Count".

From November 2013 to February 2021, Dr. Tampubolon was a Person in Charge at the Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, for the establishment and the implementation of the READI (Risk Management, Economic Sustainability, and Actuarial Science Development in Indonesia) Project; a cooperation between University of Waterloo, Canada, and 8 (eight) Universities in Indonesia, funded by the Canadian Government, Manulife Indonesia, and Sunlife Indonesia. Dr. Tampubolon worked closely with colleagues from the Actuarial Science Department at the University of Waterloo, Canada. In the READI project's Industry-University Task Force, Dr. Tampubolon played a significant role in the Actuarial Science Applied Research Working Group; and in the Recruitment and Development of Actuarial Science Lecturers Working Group.

For the periods of 2018 to 2020, and of 2020 to 2022, Dr. Tampubolon is the Head of the Actuarial Science Division of the Indonesian Mathematical Society (*Himpunan Matematika Indonesia* or IndoMS).

Research and Publication

Dr. Tampubolon co-supervised a PhD student; and supervised many students in writing their *skripsi* (final projects) and master's theses with topics, such as: topics in earthquake insurance; the estimation of the outstanding claims liability for a long tail general insurance business; and the application of generalized linear models in determining the pure premium of automobile insurance and of health insurance.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2010	Robustifying Reserving	G. G. Venter and D. R. Tampubolon	"Variance" by the Casualty Actuarial Society	https://www.variancejournal.org/issues/?fa=article&abstrID=6781

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	September 2020 - Present	Independent Commissioner	PT AXA Financial Indonesia	
2	2011 – May 2019	Actuarial Consultant	PT Reasuransi MAIPARK Indonesia	
3	2013 – February 2021	Person in Charge at the Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, for the READI Project	University of Waterloo, Canada, and 8 (eight) universities in Indonesia. Funded by the Canadian Government, Manulife Indonesia, and Sunlife Indonesia.	

4	2009 - 2012	Head of the ITB Research Team	Cooperation between LAPI ITB; Biro Perasuransian BAPEPAM-LK, Indonesia Ministry of Finance; and the Society of Actuaries of Indonesia.	
5	1998 to 1999	Head of the Parallel Vote Tabulation (PVT) of the 1999 Indonesia General Election	Cooperation between *Forum Rektor Indonesia* and the National Democratic Institute (the Carter Center), USA.	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	*Pendanaan Riset Inovatif-Produktif (RISPRO) INVITASI*	National	*Lembaga Pengelola Dana Pendidikan* (LPDP), Indonesia Ministry of Finance	
2	2010	2010 Variance Prize	International	Casualty Actuarial Society (CAS)	https://www.variancejournal.org/about/?fa=prize
3	2009 to 2012	Ratemaking for Automobile Insurance in Indonesia	National	*Biro Perasuransian, BAPEPAM-LK,* Indonesia Ministry of Finance	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: INDONESIA

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ID Google Scholar	: C31bpCEAAAAJ
h- index Scopus	: 1

Short Biography

Helena Margaretha is a mathematician with 15 years teaching experience at the Department of Mathematics, Universitas Pelita Harapan, Indonesia. She got a doctoral degree in Applied Mathematics from the University of Twente, The Netherlands in 2005, proceeding her master's degree in engineering mathematics from the University of Twente, The Netherlands in 1999, and her bachelor degree in Mathematics from Bandung Institute of Technology (ITB), Indonesia in 1997. Helena has a broad research interest: from fluid mechanics to AI. Since 2017 she concentrates her research mainly in the fields of actuarial science human health modelling, and financial risk modelling.

In 2017 and 2018 consecutively, Helena Margaretha won research grants on Actuarial Science, granted by the READI Project (a Government of Canada's project on Risk Management, Economic Sustainability and Actuarial Science Development in Indonesia). She was also granted a 2-months research grant at the University of Waterloo, Canada.

At Universitas Pelita Harapan, Helena Margaretha was the chair of the Department of Mathematics (2005-2011), the Dean of the Faculty of Science and Mathematics (2011-2013), and the Associate Dean of the Faculty of Science and Technology (2013-2017). Since 2017 she concentrates on research, and she is in charge as the coordinator of Actuarial Science concentration at her institution.

Research and Publication

Helena Margaretha's publications can be found at

https://scholar.google.co.id/citations?user=C31bpCEAAAAJ&hl=en

In third quarter of 2021, she is also waiting for three papers accepted for publications to be published. The papers are:

Margaretha, H., Reynaldi, A., Sofian, F., Jap, and L., Saputra, K.V.I., A Dynamical Model of Dengue Primary and Secondary Infections with an Application to Microinsurance, accepted for publication in International Journal of Mathematics and Computer Science, 16(2021), no. 3, 1045–1062.

Mahisa, A., Margaretha, H., Saputra, K.V.I,, and Lukas, S., Solving Sparse Reward Games using Deep Q-Learning with Demonstration and Partial Training, accepted for publication in the Proceedings of Mathtech 2020, to be published in 2021

Alam, K.E., Saputra, K.V.I., and Margaretha, H., Stocks Clustering with Fourier Transformation Towards Indonesian Stocks for Pairs Trading and Investment Diversification, accepted for publication in the Proceedings of Mathtech 2020, to be published in 2021

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	A Dynamical Model of Dengue Primary and Secondary Infections with an	Margaretha, H., Reynaldi, A., Sofian, F., Jap, and L., Saputra, K.V.I.	International Journal of Mathematics and Computer Science	To appear soon

		Application to Microinsurance			
2	2019	An actuarial model of stroke long term care insurance with obesity as a risk factor	Margaretha, H., Susanto, M., Lionel, E. O., & Ferdinand, F. V	AIP Publishing	https://aip.scitation.org/doi/abs/10.1063/1.5139124
3	2019	Earthquake probability prediction in sumatra island using Poisson hidden Markov model (HMM)	Marisa, Sembiring, U. A., & Margaretha, H	AIP Publishing	https://aip.scitation.org/doi/abs/10.1063/1.5139176
4	2019	Insurance premium model for case delay or cancelation of Indonesian local flight.	Stefani, D., Lukas, S., Adiwena, S., Margaretha, H., & Widjaja, P	AIP Publishing	https://aip.scitation.org/doi/abs/10.1063/1.5139126
5	2012	Backpropagation and LevenbergMarquardt algorithm for training finite element neural network	Reynaldi, A., Lukas, S., & Margaretha, H	IEEE	https://ieeexplore.ieee.org/abstract/document/6410134

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2015-2020	PIC for UPH	READI Project	https://readiproject.or.id/
2	2013-2017	Associate Dean	Faculty of Science and Technology, Universitas Pelita Harapan	www.uph.edu

3	2011-2013	Dean	Faculty of Science and Mathematics, Universitas Pelita Harapan	www.uph.edu
4	2005-2011	Chair	Department of Mathematics, Univerrsitas Pelita Harapan	www.uph.edu

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2018	READI Project Research Grant 2018	National	READI Project	
2	2017	READI Project Research Grant 2017	National	READI Project	
3	1999-2005	Ph.D. Research Grant from The Maritime Institute of Netherlands (MARIN)	International	MARIN and University of Twente	
4	1997-1999	Scholarship from VNO-NCW, The Netherlands	International	VNO-NCW and University of Twente	
5	1997	The best graduate of the Department of Mathematics, Institut Teknologi Bandung (ITB)	Local	ITB	

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : LAOS

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: LAOS

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Educational Background:

Flinders University, Australia

Feb 2017- Mar 2019

Master of Science, Mathematics

Vientiane College, Lao PDR

Sept 2015 - Dec 2007 Completion of 1350 hours of Intensive English Academic Preparation

National University of Laos (NUOL), Lao P.D.R

Sept 2000 – Aug 2012 Bachelor of Mathematics and Computer, Mathematics

Vientiane high school, Vientiane Capital.

Sept 1996 – June 2000 **High School Graduation**

Professional & work Experience:

October 2005 - Present	**Faculty of Natural Science (FNS), National University of Laos, Lao P.D.R** "Mathematics and English Lecturer"
October 2019-Feb 2020	**Instructor for e-ClassNet for Ph. D student**
April 2017- Nov, 2019	**Faculty of Natural Science, National University of Laos, Lao P.D.R** "Coordinator for the 12th International Conference Mathematics and Mathematics Education in Developing Countries ICMMEDC"
August 2019-present	**K Academy Center (my own center)** "Consultant for Mathematics tutoring lessons for Secondary School to higher level"
Sept 2014- April 2016	**Faculty of Natural Science (FNS), National University of Laos, Lao P.D.R** "Head of curriculum assessment and evaluation Unit"

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2005present	Mathematics and English Lecturer	Faculty of Natural Science (FNS), National University of Laos, Lao P.D.R	
2	2019 – 2020	Instructor	Mathematics and English Lecturer	
3	2017 – 2019	Coordinator for the 12th International Conference Mathematics and Mathematics Education in Developing Countries ICMMEDC	Faculty of Natural Science, National University of Laos, Lao P.D.R	
4	2019 - present	Consultant for Mathematics tutoring lessons for Secondary School to higher level	K Academy Center	

5	2014 - 2016	Head of curriculum assessment and evaluation Unit	Faculty of Natural Science (FNS), National University of Laos, Lao P.D.R	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2015	Australia Award Scholarship to study a Master of Science and engineering in Australia			

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : MALAYSIA

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

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ID Google Scholar	: 0mzrcZMAAAAJ&hl=en
h-index Scopus	: 20

Short Biography

Maslina Darus obtained her first degree in 1992 from Acadia University, Nova Scotia. In 1996, she obtained her PhD from University of Wales, Swansea, U. K. in Univalent function theory (Geometric Function Theory). She became a lecturer at Universiti Kebangsaan Malaysia and was promoted as Associate Professor in 2001. In September 2006, she was promoted to Full Professor. She was appointed as the head of Math programme from 2004-2009. Then as Chair, School of Mathematical Sciences from 2010-2013. Later, she was appointed as Deputy Dean, Undergraduate of Faculty of Science and Technology (2013-2018).

She is very active in the Malaysian Mathematical Sciences Society (PERSAMA) holding the position as Honorary Secretary for almost 17 years (1997-2013). Currently, she serves as the President of the Malaysian Mathematical Sciences Society (PERSAMA). She is also the President of the Southeast Asian Mathematical Society (2020-2021).

Her interests in geometric function theory mainly focus on the univalency properties of certain subclasses of analytic functions. To this date in 2021, She has graduated more than 35 PhD students. The results from the research have indeed managed to publish more than 700 articles in refereed/indexed journals be it in Scopus, Web of Science and the traditional/conventional journals globally.

She was also awarded a handful of grants throughout 25 years of her academic career.

Be it the internal(University) grants or the national(Ministry level) grants such as the Fundamental Research Grant Scheme, Experiment Research Grant Scheme, Long Research Grant Scheme, Saga, e-Science Fund and few others. At times, she also served as the reviewer or evaluator for the national and international research grant.

Throughout her career in UKM, she received *UKM Excellent Staff Award* 1999 (2000), *UKM Young Researcher Award* 2001 (2002), *UKM Excellent Staff Award* (APC) UKM 2002 (2003), APC 2012, *Travel Young Award* (Princeton, IMU) to attend Math. Congress 2002 in Beijing. She also received *National Young Scientist Award* (Anugerah Saintis Muda Negara) in 2002 by the *Kementerian Sains Teknologi dan Alam Sekitar, Malaysia* and *Nishiwaki Prize* for univalent function theory in 2009 by the Slow Institute, Kyoto, Japan. She was also awarded the Fellow of The Academy of Sciences Malaysia (Akademi Sains Malaysia) in 2018.

Research and Publication

Maslina Darus's research is on Geometric Function Theory specialised in univalent function theory and at times dealing with Real Inequalities and other applied research. Her mathematical works have been published widely in national and international journals.

Her list of Publications can be found at:

https://scholar.google.com.my/citations?user=0mzrcZMAAAAJ&hl=en

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Subordination Properties of Meromorphic	Firas Ghanim, Khalifa Al-	Mathematics **2021**, 9, 192. 10 pages.	https://doi.org/10 . 3390 /math 902019

		Kummer Function Correlated with Hurwitz– Lerch Zeta-Function,	Shaqsi, **Maslina Darus** and Hiba Fawzi Al-Janaby		2.
2	2021	On Janowski Type Harmonic Meromorphic Functions with respect to Symmetric Point.	Muhammad Ghaffar Khan, Bakhtiar Ahmad, **Maslina Darus**, Wali Khan Mashwani and Shahid Khan**.**	Journal of Function Spaces Volume 2021, Article ID 6689522, 5 pages.	https://doi.org/10. 1155/2021/6689522.
3	2020	Coefficient inequalities for certain subclasses of multivalent functions associated with conic domain.	Muhammad Sabil Ur Rehman, Qazi Zahoor Ahmad, H.M. Srivastava, Nazar Khan, **Maslina Darus** and Muhammad Tahir	Journal of Inequalities and Applications (2020) 2020:179**,** 1-17.	https://doi.org/10. 1186/s13660-02002446-1.
4	2020	Coefficient estimates for a subclass of biunivalent functions defined by qderivative operator.	Suhila Elhaddad and **Maslina Darus**.	Mathematics, 2020, 8, 306; 114.	https://doi:10.3390 /math8030306.

5	2019	On a class of analytic functions associated to a complex domain concerning qdifferentialdifference operator. Advances in Difference Equations	Rabha W. Ibrahim and **Maslina Darus**.	Advances in Difference Equations, 2019:515, 12 pages.	https://doi.org/10.1186/s13662-0192446-0
6	2018	Coefficients inequalities for classes of meromorphic functions.	Jacek Dziok, **Maslina Darus**, Janusz Sokol.	Turkish Journal of Mathematics. 42: 2506 – 2512.	https://doi:10.3906 /mat-1703-100.

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-2021	President	Southeast Asian Mathematical Society (SEAMS)	https://www.seamsmath.org
2	2013-2021	President	Malaysian Mathematical Sciences Society (PERSAMA)	https://www.persama.org.my
3	2019-2022	Member Council	Malaysia Academy for Mathematical Scientists (AISMM)	https://einspem.upm.edu.my/aism m.

4	2014-2018	Committee member (for Mathematical Sciences)	National Professors Council	http://majlisprofesor. my
5	2007present	Life Member	International Society for Analysis, its application and Computation (ISAAC).	http://www.isaac math.org/member /

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1.	2002	National Young Scientist Award (Anugerah Saintis Muda)	National	*Kementerian Sains Teknologi dan Alam Sekitar, Malaysia*	
2.	2009	Nishiwaki Prize	International	Slow Institute Inc. Kyoto, Japan	
3.	2018	Fellow of The Academy of Sciences Malaysia	National	The Academy of Sciences Malaysia	
4.	2019-2022	Fundamental Research Grant	National	Ministry of Higher Education	
5.	2013-2015	Experimental Research Grant	National	Ministry of Higher Education	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

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Field-1	: Mathematics Education, PhD Field-2
Field-2	: Instructional Technology
ID Scopus	: -
Scholar	
h-index Scopus	: 7

Short Biography

Professor Dato Dr. Noraini Idris is an Educator, Consultant and Distinguished Mathematics Educator. She received her doctorate in Mathematics Education from The Ohio State University, USA. She has been entrusted with the position of the Deputy Vice Chancellor for Research and Innovation at Sultan Idris Education University, Tanjong Malim, Malaysia since 2010 until 2018. Prior to this, she had been the Dean of the Faculty of Education at University of Malaya, Kuala Lumpur. In addition Dato Noraini is an appointed President Indonesia, Malaysia, Thailand IMT-GT Uninet STEM, Associate Fellow

Academy Science of Malaysia and Chairperson, National STEM Movement. She is also research fellow, California State University, Long Beach, USA and President National STEM Association.

Professor Dato' Dr Noraini Idris interest in Mathematics Education has also motivated her to author several books on the teaching and learning of Mathematics, technology in science and mathematics education, some of which have been published and some will soon be published. As we know most students do not like to study Mathematics because they think Mathematics is tough and boring. The strength of her books lies in the overall presentation as well as her logical discourse on theories and practices of mathematics and make mathematics fun.

She has served the Ministry as a consultant in the design of the syllabus for the teaching of Mathematics, evaluation of the Mathematics and Additional Mathematics software production. She has also monitored the quality of modules and the progress of the recognition of Programme and evaluate the quality of SMART courseware in mathematics.

For over 36 years, Professor Dato' Dr Noraini Idris has been dedicating her efforts in field of Education. Thanks to her years of experience, endeavors and excellent educational leadership qualities, she is now a distinguished figure in the field of Education not only in Malaysia but at the international level as well. She has been honored with an outstanding total of 45 personal local and international awards and recognitions for her prominent achievement given by pretigious bodies and organizations which protrays to all her excellent and leadership in Education innovation. Among the most prestigious awards she received were :

- **Graduate Student Alumni Research Award** from The Ohio Sate University, Columbus, Ohio, USA
- **Distinguished Diversity Enhancement Award** from The Ohio Sate University, Columbus, Ohio, USA – the only Asian recipient for the project on Minority Young Scholars in Ohio, United States of America
- **Fullbright**, MACEE, USA.
- **British Council Research – CHICHE,** Principal Researcher.
- **Gold Medal** from Geneva, Switzerland for International Invention & Innovation Expo

- **Prime Minister Finalist** from Ministry of Science and Technology for Invention Award
- **Gold Medal** ITEX, PECIPTA for E-Assessment System for Tertiary Learning
- Education Leadership from The Golden Globe Tigers
  Education Leadership Award at Pullman Kuala Lumpur City Centre Hotel & Residences

- Special Award from Japan Intellectual Property Association
  The JIPA SPECIAL AWARD for the Distinguished STEM

Leadership at 17th Malaysia Technology Expo (MTE), Putra World Trade Centre, Kuala Lumpur. This award is for her leadership and contribution towards the promotion of STEM Education initiatives to all strata of the society in Malaysia. 2018

- **Visionary Leadership Category** in **International Education Award 2018**
- **Outstanding and Excellent Leadership in STEM,** Republic of Croatia **2019**
- **Invited Speaker on STEM** at Regional Workshop on Regional Cooperation in the 4IR, **Asia Development Bank,** Manila, Philippines, 2019
- **Regional Experts Meeting,** invited by International Labour Organization, **United Nation,** Bangkok, Thailand, 2019

Her products have been nationally and internationally acclaimed and exhibited at PECIPTA, MTE, ITEX, as well as exhibitions in **GENEVA** and London, UK. Prof. Dato Dr. Noraini is an inspiration and a prime role model scholar and Mathematics Educator.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2009	Country Case Study: Malaysia. In Secondary School External Examination System	Noraini Idris. In Barend Vlaardingerbrock & Neil Taylor	Cambria press: New York	
2	2007	Classroom Assessment in mathematics Education	Noraini Idris	McGraw-Hill	
3	2011	Constructivist theories and the use of the Internet in the teaching and learning of mathematics	Noraini Idris	Brunei: University of Brunei Darussalam	

4	2017	Cooperative learning in mathematics Education	Noraini Idris & Liew. L.C	International Journal of academic research in business and social science 7, (3) , 539-553	
5	2018	Assessing Primary School mathematics thinking	Noraini Idris	Journal of Assessment and Evaluation	
6	2014	Statistics commonly used in research reports; Issues and Challenges	Foo, kienkheng, Nuralina Azlan & Noraini Idris	Malaysian Journal of mathematical Sciences 8(1), 109-116	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2010- 2018	Deputy Vice Chancellor (Research & Innovation)	Sultan Idris Education University	
2	2019 -Now	President	Indonesia, Malaysia, Thailand Growth Triangle Uninet STEM	
3	2018- Now	President	National STEM Association Malaysia	
4	2006 -2010	Dean	Faculty of Education, University of Malaya	
5	2018 - Now	Academic Advisor	Several International Schools in Malaysia	

6	2018- Now	Advisor	University Malaya STEM Centre	
7	2020- Now	Member	Women in STEM International Working Group, National Science Foundation, USA	

The best five awards including research grant and/or copyright

Number	Year	Title	Local/ National/ International	Award Giving Organization	Link (if any)
1	2007 - 2008	Mathematical and Scientific thinking of Pre-University student in Malaysia and Japan	International	Sumitomo, Japan	
2	2007- 2008	E-Assessment in Tertiary Education	National	Ministry of Education, Malaysia	
3	2012	Graphing Calculator Technology modules: Enhancing performances, thinking and mathematical reasoning skills	National & International	Ministry of Education Malaysia & Statswork Sdn Bhd/Texas Instruments	
4	2013	The development of a framework on Assessment Methods of Students' Innovative Capabilities	National	Ministry of Higher education	

5	2014	Graphing Calculator Technology Modules: Performances, Thinking and mathematical reasoning Skills	National & International	Ministry of Education Malaysia & Statswork Sdn Bhd/Texas Instruments	
6	2017	Caring Schools Community Programme: STEM Education	National	Ministry of Higher Education	
7	2014-2018	Development of Teacher Education Model	National	Ministry of Higher Education	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

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Field-1	: Applied Mathematics
Field-2	: Fluid Dynamics
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ID Orcid	: https://orcid.org/0000-0002-6422-771X
ID Google Scholar	: uxVN8XUAAAAJ
h- index Scopus	: 46

Short Biography

Roslinda Nazar is a Professor of Applied Mathematics and currently the Chairman at the Department of Mathematical Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia (UKM). She was born in Klang, Selangor, on the 5th October 1972. She received her primary and secondary schools education also at her hometown in Klang. She holds a Bachelor of Science (Mathematics) degree from the University of Illinois at UrbanaChampaign, Illinois, USA, and a Master of Science (Mathematics for Nonlinear Models) degree from Heriott-Watt University and University of Edinburgh, Scotland, UK. Subsequently, she obtained a Doctor of Philosophy (Applied Mathematics) degree from Universiti Teknologi Malaysia, Skudai,

Johor in January 2004. In February 2005 she was promoted to the post of Senior Lecturer and later to Associate Professor in August 2006. She was then promoted to the position of full Professor in January 2012.

Her research interests include studies in the fields of Fluid Dynamics, Heat Transfer and Mathematical Modelling and her main research interests are the boundary layer flow and heat transfer problems in Newtonian and nonNewtonian fluids. She is the Editor of several national and international journals as well as several conference proceedings. She is also an active researcher in publication and research and she has published 3 research books by UKM Publisher and more than 500 publications in the form of journal articles, proceedings and chapters in books. Most of her publications are published along with her PhD students and also with her local and international research collaborators.

It should be pointed out that she is a very active researcher and for the past years she has already obtained twenty (20) research grants as a Project Leader (Principal Investigator) from UKM as well as the Ministry of Higher Education Malaysia, Academy of Sciences Malaysia, and the Ministry of Science, Technology and Innovation, Malaysia, of a grand total amounting to more than RM 1 million. On the other hand, she is also an active life member of the Malaysian Mathematical Sciences Society (PERSAMA) and also an outreach member of the Society for Industrial and Applied Mathematics (SIAM). She is currently an auditor for PERSAMA.

Research and Publication

Professor Nazar's research is mainly on Applied Mathematics and related to the fields of Fluid Mechanics and Heat Transfer, specifically on Convective Boundary Layer Flows. Her research works have been published in various high impact journals as well as in indexed proceedings and a few books.

Her list of publications can be found at the following databases:

https://publons.com/researcher/2122703/roslinda-nazar/ (Web of Science)

https://www.scopus.com/authid/detail.uri?authorId=7006811882 (Scopus)

https://scholar.google.com/citations?user=uxVN8XUAAAAJ (Google Scholar)

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Unsteady EMHD stagnation point flow over a stretching/shrink ing sheet in a hybrid Al2O3Cu/H2O nanofluid	N.A. Zainal, **R. Nazar**, K. Naganthran & I. Pop	Int. Comm. Heat & Mass Transfer / Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0735193321000993
2	2021	Unsteady mixed convection flow at a threedimensional stagnation point	A. Noor, **R. Nazar**, K. Naganthran & I. Pop	Int. J. Numerical Methods for Heat & Fluid Flow / Emerald	https://www.emerald.com/insight/content/doi/10.1108/HFF-03-2020-0138/full/html
3	2021	Dual solutions of bioconvection hybrid nanofluid flow due to gyrotactic microorganisms towards a vertical plate	N.S. Khashi'ie, N.M. Arifin, I. Pop & **R. Nazar**	Chinese Journal of Physics / Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0577907321001167
4	2020	Triple solutions of Carreau thin film flow with thermocapillarity and injection on an unsteady stretching sheet	K. Naganthran, I. Hashim & **R. Nazar**	Energies / MDPI	https://www.mdpi.com/1996-1073/13/12/3177

5	2020	MHD mixed convection stagnation-point flow of CuAl2O3/water hybrid nanofluid over a permeable stretching/shrink ing surface with heat source/sink	A. Jamaludin, K. Naganthran, **R. Nazar** & I. Pop	European Journal of Mechanics / B Fluids / Elsevier	https://www.sciencedirect.com/science/article/abs/pii/S0997546193073 19

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	1999 - now	Life Member & previously, as EXCO member	Malaysian Mathematical Sciences Society (PERSAMA)	-
2	2011 - now	Outreach Member	Society for Industrial and Applied Mathematics (SIAM)	-
3	2004 - now	Research Associate	Institute for Mathematical Research, Universiti Putra Malaysia (UPM)	-
4	2016 - 2018	Interview Panel for the “Yang Dipertuan Agung Scholarship” (Field: Mathematics)	Public Service Department, Malaysia	-

5	2019 - now	Chairman	Department of Mathematical Sciences, UKM	-

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020	Listed in the **"World's Top 2% Scientists"**	International	Stanford University, USA	https://data.mendeley.com/datasets/btchxktzyw/2
2	2020 - 2022	Fundamental Research Grant Scheme (FRGS) (RM 72,000)	National	Ministry of Higher Education Malaysia	-
3	2015 - 2017	Fundamental Research Grant Scheme (FRGS) Top Down (RM 120,200)	National	Ministry of Higher Education Malaysia	-
4	2011 - now	Inclusion of biographical sketch in the "**Who's Who in Thermal-Fluids"**, the most comprehensive online and free directory in thermal-fluids science and engineering from all over the world	International	Thermal-Fluids Central by Global Digital Central, USA	http://www.thermalfluidscentral.org/who/browse-entry.php?e=4059

5	2010 (May - August)	International Fellowship at the University of Leeds, United Kingdom (RM50,000)	International	Brain Gain Malaysia (BGM) Programme by the Ministry of Science, Technology & Innovation (MOSTI) & Academy of Sciences Malaysia	-

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

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Phone/WA	: +603 9769 7959/+603 9769 6603
Field-1	: Numerical Analysis
Field-2	: Computational Mathematics
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ID Orcid	: https://orcid.org/0000-0003-4263-2287
ID Google Scholar	: a7jHfhwAAAAJ&hl=en
h-index Scopus	: 14

Short Biography

Professor Dr. Zanariah Abdul Majid is a Professor of Mathematics at Department of Mathematics and Statistics, Faculty of Science, Universiti Putra Malaysia. She was awarded Doctor of Philosophy in Applied Mathematics specialized in Numerical Analysis, in 2004. Her research interest is in numerical methods, focusing on multistep methods and one-step methods for solving first and higher order ordinary differential equations. In addition, her research focused on developing new methods and new approaches for solving second and third order boundary value problems directly. Her research interest also includes solving first and higher order Delay Differential Equations for retarded and neutral type problems. She has published more than 150 papers as main author and co-author in the area of numerical analysis.

Prof. Dr. Zanariah was the Head of Laboratory at the Institute for Mathematical Research (INSPEM), Universiti Putra Malaysia from June 2012 until November 2017. Presently, she holds the position of Deputy Dean (Research & Postgraduate Studies) at the Faculty of Science, a post she holds since December 2017. A total of 6 PhD students and 21 Master students had graduated under her supervision and currently supervising another 5 PhD students.

Prof. Dr. Zanariah had won several awards and medals through her hard work and distinguished research efforts at national and international level. She has headed 15 research projects and collaborated with other researchers in more than 10 research projects. She has been invited as keynote speaker and invited speaker at various mathematics conferences and seminars. She has also served as research grant evaluator, journal papers reviewer for national and international journals, and external reviewer for academic promotions. Currently, she is the Editor-in-Chief for Malaysian Journal of Mathematical Science (MJMS) and as Section Editor for Matematika: Malaysian Journal of Industrial and Applied Mathematics.

Additionally, Prof. Dr. Zanariah was involved as a panel member for the development of new curriculum for the Additional Mathematics subject for Forms 4 and Form 5, under the Ministry of Education Malaysia, in 2017 and 2018. She is also actively involved in STEM and promoting community linkages; and has led the INSPEM Mathematics Camp from 2016 until 2018. She has continuously demonstrated commitment to her work and willingness to share her knowledge with her students and the Mathematics community.

Education

Degree	Year	Graduating Institution	Major/Minor
PhD	2004	Universiti Putra Malaysia	Applied Mathematics
MA	1988	Eastern Michigan University, USA	Mathematics
BA	1986	Macalester College, USA	Mathematics

Research and Publication

Professor Dr. Zanariah research is on Numerical Analysis. Her research works have been published in national and international journals. Her list of publications can be found at:

https://scholar.google.com/citations?user=a7jHfhwAAAAJ&hl=en
https://www.scopus.com/authid/detail.uri?authorId=15837562800

The best five recent publications in journals and /or books

No	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Direct integration of the third-order two point and multipoint Robin type boundary value problems	Mohd Nasir, N., Abdul Majid, Z., Ismail, F., Bachok, N	Mathematic s and Computers in Simulation /Elsevier	https://doi.org/10.1016/j.matcom.2020.10.028
2	2021	Rational methods for solving first-order initial value problems	Fairuz, A.N., Majid, Z.A	International Journal of Computer Mathematic s/ Taylor & Francis	https://doi.org/10.1080/00207160.2020.1737862
3	2020	Numerical solutions of fractional differential equations by using fractional explicit Adams method	Zabidi, N.A., Majid, Z.A., Kilicman, A., Rabiei, F	Mathematic s/ MDPI	https://doi.org/10.3390/math8101675
4	2020	Numerical approach for solving delay differential equations with boundary conditions	Jaaffar, N.T., Majid, Z.A., Senu	Mathematic s/ MDPI	https://doi.org/10.3390/math8071073
5	2020	Hybrid Multistep Block Method for Solving Neutral Delay Differential Equation	Nur Inshirah Naqiah Ismail, Zanariah Abdul Majid and Norazak Senu	Sains Malaysiana/ UKM Publisher	http://dx.doi.org/10.17576/jsm-2020-4904-22

The best five organization experiences

No.	Year	Position	Organization	Link (if any)
1	1996 - 2007	Lecturer	Teacher's Training College, Kuala Lumpur, Malaysia	-
2	2001	Life member	Malaysian Mathematical Society	https://www.persama.org.my/keahlian/senarai-ahli-persama-seumurhidup
3	2012 - 2017	Head of Laboratory	Laboratory of Computational Sciences and Mathematical Physics, Institute for Mathematical Research, Universiti Putra Malaysia	-
4	2007 - now	Associate Researcher	Laboratory of Computational Sciences and Mathematical Physics, Institute for Mathematical Research, Universiti Putra Malaysia	https://inspem.upm.edu.my/laboratori/laboratori_sains_berkomputasi_dan_fizik_bermatematik/direktori_penyelidik-1215?L=en
5	2017-now	Deputy Dean (Research & Postgraduate Studies)	Faculty of Science, Universiti Putra Malaysia	https://science.upm.edu.my/department/administration_management/research_and_graduate_studies_staff-2329

The best five awards including research grant and/or copyright

No	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2008	Silver Medal	International	International Exhibition of Inventions, New Technique and Products, Palexpo, Geneva, Switzerland	
2	2011	Vice Chancellor's Fellowship Award	Local	Universiti Putra Malaysia	-
3	2018	Copyright for Single Higher Order ODEs Code, IP Copyright, 2018, LY2018005534	National	Perbadanan Harta Intelek Malaysia (MyIPO)	
4	2018	Copyright for System Higher Order ODEs Code, IP Copyright, 2018, LY2018005533	National	Perbadanan Harta Intelek Malaysia (MyIPO)	
5	2019	- Compliment Award (Article) - Compliment Award (Inovation)	National	Malaysian Mathematical Society	-

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

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Field-1	: Computational Mathematics for dynamical systems
Field-2	: Disease Modeling
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ID Google Scholar	: bjp3gcYAAAAJ
h- index Scopus	: 11

Short Biography

Dr Jane Labadin is an Associate Professor at the Faculty of Computer Science and Information Technology as well as Research Fellow at the nstitute of Social Informatics and Technological Innovation, Universiti Malaysia Sarawak (UNIMAS). She received her Ph.D. in Computational Mathematics specializing in Fluid Dynamics from the Imperial College of Science, Technology and Medicine, London, UK in 2002. Her Bachelor degree in Applied Mathematics was from the same university in 1995. She obtained her Master in Computation in 1997 from the University of Manchester, Institute of Science and Technology, UK. She is an active researcher evident from the many internal and external research projects that she leads as well as from her publications. Her research interest is generally in computational modeling of dynamical systems which includes infectious disease modeling.

Research and Publication

Assoc. Prof. Dr Jane's research activities are mainly in the modeling of dynamical systems. This is evident from the research students she supervises as well as the research grants that she leads. Thus far, there are seven PhD graduates and ten Master graduates where Assoc. Prof. Dr Jane is the main supervisor. She has completed four Malaysia Ministry of Higher Education (MOHE) research grants and five UNIMAS (internal) research grants of which she was the principal investigator. Apart from these, she contributed as a co-researcher in more than ten other research grants. She is currently supervising a team of 4 postgraduate students (1 PhDs and 3 Masters) and leading one MOHE and one external research grants. Her research findings have been published and presented in many well- known journals and conference proceedings, locally and abroad, and were cited more than 500 times according to Google Scholar. She is also actively involved in exhibiting her research outputs and have successfully obtained few awards. Her expertise is always sought after evident from the reviewers' request from international conferences and journal editors. Assoc. Prof. Dr Jane is also actively involved as research fellow at the Institute of Social Informatics and Technological Innovations where she leads the Commercial Programme as well as the Information Technology group and overseeing as a site leader for ISITI's eBuayan. Assoc. Prof. Dr Jane has also contributed in various organizations of workshops and conferences for the faculty and institute.

Detailed list of her research and publication can be found at
https://expert.unimas.my/profile/374

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	Modelling the effectiveness of epidemic control measures in preventing the transmission of COVID-19 in	Gill B.S., Jayaraj V.J., Singh S., Ghazali S.M., Cheong Y.L., Md Iderus N.H.,	Internation a l Journal of Environmental Research and Public Health	10.3390/ijerph 17155509

		Malaysia	Sundram B.M., Aris T.B., Mohd Ibrahim H., Hong B.H. and Labadin J.		
2	2021	Assessing fitness- for-purpose and comparing the suitability of COVID-19 multi-country models for	Hannah Clapham, Moh amedGad, Adr ianGheorghe, Raymond Hutubessy, It amar	Gates Open Research	https://doi.org/10.12688/gatesopenres.13224.1
		local contexts and users	Megiddo, Chri stopher Painter, Franc is Ruiz, Nejma Cheikh, Marel ize Gorgens, Tho mas Wilkinson, Ma rcBrisson, Nig el Gay, Jane Labadin, Jodie McVernon, Pa ula M. Luz, Wilfred Ndifon, Brook e E. Nichols, Shan kar Prinja, Joshua Salomon, Akh ona Tshangela		

3	2019	Model simulation for the spread of rabies in Sarawak, Malaysia	Nur Asheila Abdul Taib, Jane Labadin, Phang Piau	International Journal on Advanced Science, Engineering and Information Technology	10.18517/ijaseit.9.5.10230
4	2019	Simulating Dengue: Comparison of Observed and Predicted Cases from Generic Reaction-Diffusion Model for Transmission of Mosquito-Borne Diseases	Cynthia Mui Lian Kon, Jane Labadin	MATEMATIKA	10.11113/MATEMATIKA.V35.N3.1119
5	2015	Improving the prediction of petroleum reservoir characterization with a stacked generalization ensemble model of support vector machines	F Anifowose, J Labadin, A Abdulraheem	Applied Soft Computing	https://doi.org/10.1016/j.asoc.2014.10.017

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2008-2013	Deputy Dean	FCSIT UNIMAS	https://www.fcsit.unimas.my/
2	2014-present	IMU-CWM Ambassador for Malaysia	International Mathematical Union	https://www.mathunion.org/cwm

3	2019-present	Life Member	PERSAMA	https://www.persama.org.my/
4	2016-2019	Member	MAPIM	http://www.mapim.my/v2/
5	2020	Member	CMCC	https://decidehealth.world/en/cmcc

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Sanjungan budi – Director UNIMAS Publisher	National	Malaysia Ministry of Higher Education	http://www.mapim.my/v2/
2	2021	Acknowledgment for COVID19 Monitoring	Local	Sarawak Disaster Management Committee	https://sarawakdisastermc.com/
3	2020	Appreciation for COVID19 Prediction	National	Malaysia Director General of Health	https://kpkan.com/
4	2020	Silver Award	International	Malaysia Technology Exposition	https://mte.org.my/
5	2020	Copyright	International	IP Corporation of Malaysia	https://fcsit.shinyapps.io/covid-19_mal/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

Name	:	Nor Haniza Sarmin
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Phone/WA	:	+6075538004 (off)/+60177557660 (mobile)
Field-1	:	Group Theory
Field-2	:	Formal Language Theory
ID Scopus	:	24725760500
ID Orcid	:	https://orcid.org/0000-0003-4291-5746
ID Google Scholar	:	https://scholar.google.com/citations?user=r2hBAToAAAAJ&hl=en&oi=ao
h- index Scopus	:	10

Short Biography

Dr Nor Haniza Sarmin is a Professor of Mathematics at the Faculty of Science, Universiti Teknologi Malaysia (UTM) Johor Bahru, Johor.

She received her BSc (Hons), Master and PhD in Mathematics from State University of New York (now known as Binghamton University), Binghamton, New York, USA. Her specialization of research is in Group Theory, Graph Theory, Formal Language Theory, Splicing Systems, and Their Applications.

She has written more than 500 research papers in national and international journals and proceedings, mainly in the area of group theory and splicing systems. She has also supervised and graduated 36 PhD students, 25 masters students and 83 undergraduate

students under her supervision. This includes the Youngest PhD Holder in Malaysia Book of Record 2014, Dr Hazzirah Izzati Mat Hassim.

Besides that, Dr Nor Haniza has participated in Malaysian Mathematical Sciences Society (PERSAMA) since 1998 as a lifetime member and served as the Vice President for five terms.

Research and Publication

Prof Niza's research is mainly focusing in Group Theory and its Applications, Graph Theory, as well as Formal Language Theory and its Application in DNA Computation. Her works have been published in various journals and book chapters.

Her list of publications can be found at https://people.utm.my/nizasarmin/journal-papers/.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Generalisations of Splicing Languages in DNA Splicing Systems Involving Two Palindromic Restriction Enzymes	Wan Heng Fong, Nurul Izzaty Ismail, Nor Haniza Sarmin	Malaysian Journal of Fundamental and Applied Sciences	https://mjfas.utm.my/index.php/mjfas/article/view/1370
2	2021	The Applications of Zero Divisors of Some Finite Rings of Matrices in Probability and Graph Theory	Nurhidayah Zaid, Nor Haniza Sarmin, Sanhan Muhammad Salih Khasraw	Jurnal Teknologi	https://journals.utm.my/jurnalteknologi/article/view/14936

3	2020	Topological Indices of the Non-commuting Graph for Generalised Quaternion Group	Nor Haniza Sarmin, Nur Idayu Alimon, Ahmad Erfanian	Bulletin of the Malaysian Mathematical Sciences Society	https://link.springer.com/article/10.1007/s40840-019-00872-z
4	2020	Energy of Cayley Graphs for Alternating Groups	Amira Cayley Graphs for Alternating Groups	Southeast Asian Bulletin of Mathematics	http://www.seams-bull-math.ynu.edu.cn/archive.jsp
5		The Incidence Matrix of the Non-Normal Subgroup Graph for Some Dihedral Groups	Nabilah Fikriah Rahin, Nor Haniza Sarmin, Sheila Ilangovan	AIP Conference Proceedings	https://aip.scitation.org/doi/abs/10.1063/5.0018554

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2006 - 2019	Vice President	Malaysian Mathematical Science Society (PERSAMA)	https://www.persama.org.my/
2	2006 - present	Committee	National Mathematical Olympiad (OMK)	https://www.persama.org.my/omk/o mk-2021
3	1995 - present	Member	Mathematical Association of America (MAA)	
4	1995 - present	Member	American Mathematical Society (AMS)	

5	2011 - present	Member	Institute of Electrical and Electronics Engineer (IEEE)	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020 - 2023	A Research Grant titled - A	National	Ministry of Higher	
		Fundamental Research on Computing the Topological Indices of Graphs Using Group Theory in Describing the Physicochemical Properties of Molecular Structures		Education Malaysia (MoHE)	
2	2019 - 2022	A Research Grant titled - A Fundamental Research on the Probabilistic Characterizations of Some Finite Rings and Its Graph Applications	National	Universiti Teknologi Malaysia	
3	2016 - 2018	A Research Grant titled - Innovative Types of Fuzzy Gamma Ideals in Ordered Gamma Semigroups	National	Ministry of Higher Education Malaysia (MoHE)	
4	2016 - 2018	A Research Grant titled - Energy of Graphs Associated to Dihedral Groups	National	Universiti Teknologi Malaysia	

5	2014 - 2016	A Research Grant titled - A Fundamental Research On The Invariants Of Space Groups With Cyclic Holonomy Extension	National	Ministry of Higher Education Malaysia (MoHE)	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

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e-mail	:	ni@ukm.edu.my
Phone/WA	:	0192738894
Field-1	:	ACTUARIAL MODELLING
Field-2	:	APPLIED STATISTICS
ID Scopus	:	https://www.scopus.com/authid/detail.uri?authorId=25722110800
ID Orcid	:	0000-0001-9546-952X
ID Google Scholar	:	https://scholar.google.com.my/citations?user=btoCLAYAAAAJ&hl=en

h- index Scopus : 8

Short Biography

Professor Dr. Noriszura binti Ismail, aged 52, married. Professor in Actuarial Science Program, Department of Mathematical Sciences, Faculty of Science & Technology, Universiti Kebangsaan Malaysia since Aug 2016. Previously was an Associate Professor (2008-2016), a Senior Lecturer (2007-2008) and a Lecturer (1993-2007). Specializes in Actuarial Modelling & Applied Statistics. Current research interests are non-life insurance, GLM, zero-inflation, pension, social security, and copula. BSc (Actuarial Science, 1991) and MSc (Actuarial Science, 1993) from University of Iowa, USA. PhD (Statistics, 2007) from Universiti Kebangsaan Malaysia. Passed 5 professional papers from Society of Actuaries USA in 1994 (SOA100, SOA110, SOA120, SOA140 & SOA165).

Research and Publication

https://scholar.google.com/citations?user=https://scholar.google.com.my/citations?user=btoCL&user=btoCLAYAAAAJ

https://www.scopus.com/authid/detail.uri?authorId=25722110800

https://publons.com/researcher/2152117/noriszura-ismail/

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2021	Estimating Loss Given Default Based on Beta Regression	Jaber J.J, Ismail N, Ramli, S.N.M, Albadareen B, Hamadneh N.N.	*CMC-Computers, Materials & Continua*	
2	2021	A novel investigation of the influence of corporate governance on firms' credit ratings	Alkhawalde h A.A.K, Jaber, J.J, Boughaci D, Ismail N	*PLOS ONE*	
3	2021	Estimating Population Size of Criminals: A	Tajuddin, R.R.M,	*Crime & Delinquency*	https://doi.org/10.1177/00111287211014158

		New Horvitz–Thompson Estimator Under One-Inflated Positive Poisson–Lindley Model	Ismail, N, Ibrahim, K		
4	2020	The effectiveness of a probabilistic principal component analysis model and expectation maximization algorithm in treating missing daily rainfall data.	Chuan Z.L, Deni S.M, Fam S.F, Ismail N	*Asia-Pacific Journal of Atmospheric Sciences*	
5	2020	Ukuran kebersandaran bagi pulangan lima-minit berbanding pulangan harian menggunakan kopula statik dan dinamik	Aminuddin N.H, Razak R.A, Ismail N.	*Sains Malaysiana*	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019	Panelist BICARA BH	Skim Keselamatan Sosial Pekerjaan Sendiri – Kenapa Perlu, Siapa Layak, Apa Manfaat	https://www.facebook.com/bhonline/videos/2213662478926831/
2	2018 - 2020	Contributor Loss Data Analyst	Actuarial Community	https://ewfrees.github.io/Loss-DataAnalytics/
3	2016	Industry Collaboration	Malaysian Takaful (MTA)	
4	2005, 2007, 2009, 2011 & 2013	Research collaboration with Committee on Ratemaking	Actuarial Society	
5	2007-2008	Industry Collabiration	Insurance Data Provider Service Malaysia Berhad	
6	2007 - 2009	Industry Collabiration	Malaysian Insurance Institute	
7	2008 – 2010	Panel for Competency Level Assessment (PTK)	Actuarial Unit Scheme, Ministry of Finance	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2019	Excellent Service Award		Universiti Kebangsaan Malaysia	

2	2018	Bronze Award, R-Challenge Day (Innovation & Research Category)		FST UKM	
3	2018	Best Paper Award	International	3rd International Conference on Advances in Mathematics, Power and Energy (AMPE2018)	
4	2016	Best Scientific Paper (Consolation Prize		PERSAMA Award Ceremony	
5	2016	Excellent Supervisor Award (Graduateon-time)		Faculty of Science and Technology	
6	2014	Conference Best Paper Award (Third Prize)		The 6th Islamic Banking, Accounting & Finance Conference 2014	
7	2014	20 Years Service Award		UKM	
8	2012	Group Research Award (Computational Mathematics Group – Researcher)		7th UKM Innovation Award Ceremony	
9	2010	Group Research Award (Computational Mathematics Group – Researcher)		5th UKM Innovation Award Ceremony	
10	2009	Excellent Service Award		17th UKM Quality Award Ceremony	
11	2006	Best Presenter School of Mathematical Sciences		6th FST Graduate Colloquium (as PhD student)	
12	2005	Best Presenter School of Mathematical Sciences		5th FST Graduate Colloquium (as PhD student)	

13	1999	Honorarium Certificate, Excellent Teaching Award for Year 1998		UKM	
14	1998	Honorarium Certificate, Excellent Teaching Award for Year 1997		UKM	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

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Field-1	: Number Theory
Field-2	: Cryptography
ID Scopus	: 24479305600 3616688300
ID Orcid	: https://orcid.org/0000-0003-4309-4804
ID Google Scholar AAJ	: https://scholar.google.com/citations?hl=en&user=SpgIoIsAA
h- index Scopus	: 4

Short Biography

Hailiza Kamarulhaili is a Professor of Mathematics in the School of Mathematical Sciences at Universiti Sains Malaysia (USM), Malaysia, where she is currently the Dean of the school since 2016, after serving the school as the Deputy Dean of Academic and Student Affairs from 2010 until 2015. She obtained her PhD degree in Mathematics from the University of Liverpool, United Kingdom in 2000. Her research interests lie in the areas of Number Theory and Cryptography.

She was the President of the Malaysian Society for Cryptology Research from 2015-2018. She is an Editorial Board member of several journals, namely the International Journal of Cryptology Research, the Malaysian Journal of Mathematical Sciences, and Discovering Mathematics. She is also an editorial board member for several series of Cryptology Conference Proceedings published from 2012 until 2020. She chaired several international and National conferences, amongst them were, International Cryptology Conference 2008 and International Cryptology Conference 2012. She has been appointed as a panel of expert under the National Cryptography Policy by CyberSecurity Malaysia since 2016.

She is also a member of the International Association for Cryptologic Research (IACR), life-member of the Malaysian Mathematical Sciences Society (PERSAMA) and life-member of International Society for Analysis, its Applications and Computations (ISAAC). She has published more than 100 articles in both Journals and Proceedings. She has been active in research and recently has been granted funding from the Ministry of Higher Education Malaysia under a fundamental research grant scheme on topic related to Lattice-based Cryptography.

Research and Publication

Professor Hailiza Kamarulhaili has contributed in the domains of Elliptic Curves Cryptography, Lattice-based Cryptography, and Diophantine Equations. Her recent publications also include topics related to Matrix Theory and Graph Theory.

For list of her publications, please refer to the following link:
https://scholar.google.com/citations?hl=en&user=SpgIoIsAAAAJ

The best five recent publications in journals and/or books

No	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Quadrant Interlocking Factorization Algorithm of Hourglass Matrix from Nonsingular Matrix	O.Babarinsa, Hailiza Kamarulhali, & S.Z.Asfi	Thai Journal of Mathematics	http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/view/2858

2	2020	A Security Upgrade on the GGH Laticebased Cryptosystem	A. Mandangan, Hailiza Kamarulhaili & M.A.Asyraf Abdulah,	Sains Malaysiana, 49(6), pp 1471-1478, (2020).	http://www.ukm.my/jsm/malay_journals/jilid49bil6 _2020/KandunganJilid 49 Bil 6_2020 .html
3	2020	New results on Jesmanowiz Conjecture	A.Balfaqih & Hailiza Kamarulhaili	International Journal of Mathematics and Computer Science, vol 15,no.3, pp. 963-973, (2020)	http://ijmcs.future-intech.net/Volume15.3.ht m
4	2019	More Results on 3Steps Hamiltonicity of Graphs and Its Line Graphs.	N.A.Abd.Aziz, R.Hasni, Hailiza Kamarulhaili, G.C. Lau & S.M.Lee	Applied Mathematics E-Notes, pp 1-13, 19(2019).	http://www.math.nthu.edu.tw/~amen/
5	2019	Construction of Endomorphisms for the ISD Method on Elliptic Curves with J-Invariant1728.	Antony S.N.F.M.A & Hailiza Kamarulhaili	Malaysian Journal of Mathematical Sciences, MJMS, 13(S), August,67-76 (2019)	https://einspem.upm.edu.my/journal/volume13august.php
6	2019	Security Threats on the GGH Latticebased Cryptosystem	A. Mandangan, Hailiza Kamarulhaili & M.A.Asyraf Abdulah	Chapter in Book entitled, Embracing Mathematical Diversity, published by UPM Press, 2019, ISBN 978-967 2395-08-9.	

The best five organization experiences

No	Year	Position	Organization	Link (if any)
1	2016-present	Panel of Expert	CyberSecurity Malaysia	www.cybersecurity.my
2	2015-2018	President	Malaysian Society for Cryptology Research	www.mscr.org.my
3	2010-present	Member	International Association for Cryptologic Research	https://www.iacr.org/
4	2017-present	Fellow member	Malaysian Scientific Association (MSA)	http://mymsa.org.my/
5	2015-2017	Panel of Expert	Dewan Bahasa & Pustaka	http://lamanweb.dbp.gov.my/
6	2005	Visiting Researcher	National University of Singapore	https://www.nus.edu.s g/

The best five awards including research grant and/or copyright

No.	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2011	Excellent Service Award	Local	Universiti Sains Malaysia	
2	2012	Excellent Service Award	Local	Universiti Sains Malaysia	
3	2014	Excellent Service Award	Local	Universiti Sains Malaysia	
4	2020	Fundamental Research Grant Scheme (FRGS)	National	Ministry of Higher Education Malaysia	

5	2020	Number Theory Teaching Module (MGM502) (LY2020003160)	National	Intellectual Property Corporation of Malaysia (MyIPO) (LY2020003160) Filed in 2020.	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

Name	: Nor Muhainiah Binti Mohd Ali
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e-mail	: normuhainiah@utm.my, muhainiah9119@yahoo.com
Phone/WA	: (Mobile) : 019-7066939 (Office): 607-5534275 (Fax): 607-5566162
Field-1	: Algebra and Group Theory and its Applications
Field-2	: Graph Theory
ID Scopus	: 49663950300
ID Orcid	: https://orcid.org/0000-0002-2993-0020
ID Google Scholar	: normuhainiah@utm.my
h- index Scopus	: 5

Short Biography

Nor Muhainiah Mohd Ali is an Associate Professor who specializes in algebra & group theory and its applications under the Department of Mathematical Sciences, Faculty of Science, Universiti Teknologi Malaysia (UTM). She was born in Jerantut, Pahang, Malaysia on November 17, 1981 and is now married and has been blessed with 4 children. She completed her degree in 2002 which then went on to further her studies to master's level in 2004 and finally graduated with a PhD in 2008 under the field of Mathematics in the same university she works now which is in Universiti Teknologi

Malaysia (UTM) in Skudai, Johor, Malaysia with a Ph.D. thesis entitled Capability and Homological Functors of Infinite 2-Generator Groups of Nilpotency Class Two.

Throughout the working period which started in 2002 until today, Dr Nor Muhainiah has won several awards in different sections such as in the field of teaching & learning, research, and also sports. Below is the list of awards that she has won.

TEACHING AND Learning

i) Anugerah Kumpulan Penyelidikan Fakulti Sains & Anugerah Pengajaran dan Pembelajaran Fakulti Sains **(2019)**
ii) Anugerah Perkhidmatan Cemerlang Fakulti Sains **(2010, 2012, 2014, 2016, 2018)**
iii) Active Blended LearningCourse **(2016, 2017)**
iv) Anugerah Perkhidmatan Cemerlang Citra Karisma **(2009, 2013)**
v) Anugerah Khas Fakulti (Khidmat Pembelajaran Matematik kepada Masyarakat), Ahli Kumpulan Pemantapan, Pengajaran dan Pembelajaran Matematik **(2013)**
vi) Tokoh Alumni Fakulti Sains **(2011)**

RESEARCH

i) Bronze Medal, 'Model Development for Visualizing Properties of Finite Group', MTE **(2014)**
ii) Bronze Medal, 'A Model for Visual zating Some Properties of Finite Groups', INATEX **(2011, 2013)**
iii) Hadiah Saguhati Kategori Tesis Doktor Falsafah, Anugerah PERSAMA **(2010)**
iv) Bronze Medal, 'GAP Algorithms for Homological Functors of Infinite 2-Generator Groups of Class 2', INATEX **(2009)**
v) Best Fundamental Research Award, Faculty of Science's Staff Excellence Award, Finalist, Best Fundamental Researc Award, University Excellence Award "Citra Karisma" **(2008)**

SPORTS

i) Anugerah Sukan Fakulti Sains (Bola Jaring) **(2017)**
ii) Tempat ketiga bola jaring, UTM Staff Games 2014 **(2014)**
iii) Excellence Award in Sports, 2006. Menerima Sijil Perhargaan dalam Bidang Sukan Sempena Majlis Hari Pengiktirafan Staf 2006, Fakulti Sains, Universiti Teknologi Malaysia. **(2007)**

Besides, Dr Nor Muhainiah was also a member of American Mathematical

Society (Membership No: MHNRXF) in 2012, IEEE (Membership No: 91309373) in May 2011, Golden Key National Honour Society in 2000 and also a life member of Persatuan Sains Matematik Malaysia, PERSAMA (Membership No: NS2007-2) starting in April 2007.

Dr Nor Muhainiah is also a group leader of Roadmap Outcome 1 (RO1) MyRoadmap Fakulti Sains on September 2020 – 31 Julai 2021 and is a group leader of Applied Algebra

and Analysis Research, Faculty Science and Frontier Material Research Alliance, UTM starting from 1 Ogos 2019 – 31 Julai 2020. She was also the head of Algebra and Analysis Panel, Department of Mathematical Sciences, UTM starting from 1 Ogos 2018 –. Aside from that, she was also an examiner for both PhD and master students starting from 2014.

Currently, she holds some grants under the university grant named UTMFR and RUG as a member and was a project leader and project member of university grant, UTMFR and a project member for Fundamental Research Grant Scheme (FRGS). Apart from that, some Groups, Algorithms and programming (GAP) algorithm on group theory have been created and have also been patented in 2013 and 2016.

Supervision

Dr Nor Muhainiah has supervised more than 15 PhD student, more than 10 MSc student and more than 20 undergraduate student.

Research and Publication

Dr Nor Muhainiah has also published some book chapters and journals in 2006 until today.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	A Systematic Approach to Group Properties Using its Geometric Structure	Muhamed Bello, **Nor Muhainiah Mohd Ali** and Nurfarah Zulkifli	European Journal of Pure and Applied Mathematics, 13(1): pg 84-95	https://doi.org/10.29020 /nybg.ejpam.v13i1.3587
2	2020	Group Perfect Code in Commuting Order Product Prime Graph	Muhamed Bello, **Nor Muhainiah Mohd Ali** and Surajo Ibrahim Isah	Advances and Application in Discrete Mathematics. 25(1): pg 41-54	http://dx.doi.org/10.17654 /DM 025010023

3	2019	Co-prime Probability for Nonabelian Metabelian Groups of Order Less than 24 and Their Related Graphs	Nurfarah Zulkifli and **Nor Muhainiah Mohd Ali**	MATEMATIKA: MJIAM. 35(3): pg 357-369	https://doi.org/10.11113 /matematika.v35.n3.1130
4	2017	On the dominating number, independent number and the regularity of the relative coprime graph of a group	Norarida Abd Rhani, **Nor Muhainiah Mohd Ali**, Nor Haniza Sarmin and Ahmad Erfanian	Malaysian Journal of Fundamental and Applied Sciences (MJFAS). 13(2): pg 72-74	https://doi.org/10.11113 /mjfas.v13n2.602
5	2015	Representation s of Some Groups and Galois Stability	Dmitry Malinin, Nor Haniza Sarmin, **Nor Muhainiah Mohd Ali**, Noor Asma' Adny binti Mohd Adnan and Zainab binti Yahya	Bulletin of the Malaysian Mathematical Sciences Society, (IF: 0.854)	http://dx.doi.org/10.1007/s40840014005 1-7

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019, 2020, 2021	Advisor	Olimpiad Matematik Kebangsaan (OMK) 2021	https://www.persama.or g.my/omk/omk-2021
2	2019, 2020	Grant Reviewer	YUTP-FRG Universiti Teknologi Petronas	

3	2015 to 2021	EXCO Member	Persatuan Sains Matematik Malaysia (PERSAMA)	https://www.persama.or g.my
4	2020, 2021	Timbalan Pengerusi	Badan Kebajikan Sekolah Agama Taman Sri Pulai	
5	2019, 2020, 2021	Program Coordinator	Jawatankuasa Pengajian Siswazah, Fakulti Sains, UTM	https://science.utm.my /p g/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2019	Anugerah Kumpulan Penyelidikan Fakulti Sains	Local		
2	2019	Anugerah Pengajaran dan Pembelajaran Fakulti Sains	Local		
3	2018	Anugerah Perkhidmatan Cemerlang Fakulti Sains.	Local		
4	2017	Active Blended Learning Course Semester 1 20172018.			
5	2014	Bronze Medal, 'Model Development for Visualizing Properties of Finite Group', MTE			

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

Name	: Associate Professor Dr. Saiful Hafizah Jaaman
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Field-1	: Actuarial Science
Field-2	: Financial Mathematics
ID Scopus	: 2653198900
ID Orcid	: https://orcid.org/0000-0003-4413-8776
ID Google Scholar	: h4dWpMcAAAAJ&hl=en

h- index Scopus : 5

Short Biography

Saiful Hafizah Jaaman is Associate Professor at the Actuarial Science Program, Department of Mathematical Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia. She got her Ph.D. degree in Finance at Universiti Putra Malaysia in the year 2007. She now focuses on research and research supervision in the fields of Actuarial Science and Financial Mathematics particularly Portfolio Optimization and Diversification, Investment Analysis, and Islamic Financial Mathematics.

Dr. Hafizah was the Head of the Actuarial Science Program from 2013–2018. Currently she is the Coordinator for the Actuarial Science Program Final Year Projects. She has been the Honorary Treasurer for the Malaysian Mathematical Society since 2007.

Dr. Hafizah has won awards in research and has several research grants since 2006 as research leader, co-researcher, and mentor. Her research grants include the Fundamental Research Grant awarded by the Higher Education Ministry of Malaysia, UKM's Research University Grant, UKM's Teaching & Learning Grant, and industrial grants (PNB and UCIP). She is an external examiner for Ph.D at some universities in Malaysia in the field of Financial Mathematics and Islamic Financial Mathematics. She also serves as an external adviser and assessor for the Actuarial Science programs at several universities in Malaysia.

Research and Publication

Dr. Hafizah's publications can be viewed at:

https://ukmsarjana.ukm.my/main/lihat_profil/SzAwNjQxNg==

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Performance Evaluation Of Construction Companies Using Integrated Entropy-Fuzzy Vikor Model	Lam, W.S., Lam, W.H., Jaaman, S.H. & Kah, F.L.	*Entropy*	
2	2020	Sewa Beli Islam: Impak Terhadap Untung dan Rugi.	Nurfadhlina A.H., Saiful Hafizah J.	Universiti Kebangsaan Malaysia Publisher	
3	2020	Clustering Stock Performance Considering Investor Preferences Using a Fuzzy Inference System	S.N. Zainal Abidin, S.H. Jaaman, M. Ismail, A.S. Abu Bakar.	*symmetry*	doi:10.3390/sym12 071148

4	2020	Median Variance Fuzzy with Trapezoidal Fuzzy Numbers and Portfolio Selection Model	S. Ramli, S.H. Jaaman.	*Advances and Applications in Statistics*.	http://dx.doi.org/10.17654/AS060010035
5	2020	Tracking a Benchmark Index in Portfolio Optimization with Two-Stage Mixed Integer Programming Model	W.S. Lam, S.H. Jaaman, W.H. Lam	*Journal of Quality Measurement and Analysis*	
6	2020	Portfolio Optimization of Technology Companies in Malaysia with Mean-Gini Model	W.H. Lam, S.H. Jaaman, W.S. Lam	*Menemui Matematik*	
7	2019	Financial Performance Evaluation of General Insurance Firms in Malaysia via Capital Adequacy Ratio and Grey Relational Analysis	S.H. Jaaman, C.X. Ong, Mahosin, M.B.A.	*International Journal of Innovation, Creativity and Change*	

The best five awards including research grant and/or copyright

- Risk and return analysis to generate optimal risky portfolio for heteregenous investors employing fuzzy modelling. Research University Grant, Project Leader.
- Dynamic dependency analysis for low and high frequency Islamic and conventional financial multivariate date. Fundamental Research Grant, Coresearcher.
- Variations of enhanced index tracking for portfolio optimization construction. Fundamental Research Grant, Project Leader.
- Modified Islamic hire purchase with profit sharing ratio consideration. Research University Grant, Project Leader.
- Modelling the gains surrounding mergers and acquisitions under different scenarios. Industrial Grant, Project Leader.

- An algorithm for obtaining an early warning of insurer insolvency. Fundamental Research Grant, Project Leader.
- Different measures of risk diversification for realistic portfolio construction. Fundamental Research Grant, Project Leader.

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

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Field-1	: Mathematics Education
Field-2	: STEM Education
ID Scopus	: 36991831700
ID Orcid	: https://orcid.org/signin?client_id=0000-0002-5982-8983
ID Google Scholar	: https://scholar.google.com/citations?user=dKPSfwEAAAAJ
h-index	: 9
h- index Scopus	: 4

Short Biography

MAZLINI ADNAN is a Associate Professor of Mathematics Education at Department of Mathematics, Faculty of Science and Mathematics, Universiti Ppendidikan Sultan Idris, Tg. Malim, Perak, Malaysia since 2003. Shewas born in Kuala Kangsar, Perak on 18th February 1975.

Holds a PhD and a master in Mathematics Education from the National University of Malaysia (UKM). Received bachelor's degree (BSc.Ed (Math) from the University of Malaya (UM). Also has an experience of teaching in secondary schools almost 4 years in the field of mathematics and additional mathematics before joining UPSI as a tutor in 2003.

She is active in research. She has led 6 research grants as the main researcher with 2 of the grants are KPM grants. Other than that, she is also the co researcher for 10 other project grants. She always inspired the research team and maintained a high-level enthusiasm for each project.

She is also an avid technical writer. She has published around five chapter in books and 100 articles in indexed journals including 19 Scopus documents.

Her publications have received 397 citations (h-index = 11, i10-index= 9) in Google Scholar and 43 citations (h-index= 4) in Scopus database.

She had supervised and graduated two PhD students and two master students in research mode, supervised and graduated 15 master students (Mode B and Mode C). Currently supervising three master student as the main supervisor and 15 PhD students (7 as main supervisor and 8 as cosupervisor).

Assoc. Prof. Dr. Mazlini Adnan also has experiences in the organization as a Deputy Director of UPSI Educational Research Laboratory (UERL) in 20172019, Coordinator of Comercialization Unit, Research Management and Innovation Centre (RMIC) Universiti Pendidikan Sultan Idris in 2019-2021.

Research and Publication

List of Publications can be found at:

https://scholar.google.com/citations?hl=id&user=dKPSfwEAAAAJ&view_op=list_works&sortby=pubdate

The best five recent publications in journals and/or books

No	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Students' Reflections on Dispositions in a Mathematics Classroom	Teoh, S.H, Parmjit, S, Adnan, M. & Koo, A.C.	Journal of ASIAN Behavioural Studies (jABs)	https://jabs.eiph.co.uk/index. php /jABs/article/view/384

2	2021	The Effect of Using Project-Based Inquiry Learning (PIL) Stem Module in Topic Space Among Year One Students	Ng, C.H.& Adnan, M.	Psychology and Education	http://psychologyandeducation.net/pae/index.php/pae/article/view/1631
3	2021	Metacognition of Junior High School Students in Mathematics Problem Solving Based on Cognitive Style	Sutama, S., Anif, S., Prayitno, H.J.,Sari, D.P.& Adnan, M.	Asian Journal of University Education	http://myjms.mohe.gov.my/index.php/AJUE/article/view/12604
4	2021	Science, Mathematics, Engineering, and Mathematics (STEM) Education in Indonesia: A Literature Review	Khotimah, R.P., Adnan, M., Ahmad, C.N.C. & Murtiyasa, B.	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/1776/1/012028/meta
5	2020	Synergizing Mathematical Learning at Higher Institution through Heutagogical Approach	Tajudin, N.M., Suhaimi, N., Adnan, M. & Puteh, M.	Universal Journal of Educational Research	https://www.hrpub.org/journals/article_info.php?aid=9315

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019-2021	Coordinator, RMIC, UPSI	Universiti Pendidikan Sultan Idris (UPSI)	https://rmic.upsi.edu.my/?lang= ms

2	2017-2019	Deputy Director, UERL, UPSI	Universiti Pendidikan Sultan Idris (UPSI)	http://uerl.upsi.edu.my/index.php/en/
3	2021	External Assesor for PhD Programe	Universiti Malaya (UM)	
4	2018-Now	External PhD Examiner	UTM, UKM, IIUM, USM, UPM	
5	2020	Chairman of Form 5 (Aliran Kemahiran) Mathematics Subject (Review of camera ready textbook)	Ministry of Education (MoE)	
6	2019-2022	NCDRC Research Fellow	National Child Development Research Centre (NCDRC),UPSI	http://ncdrc.upsi.edu.my/?lang= ms

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020	Interational Collaboration Research	International	Universitas Ahmad Dahlan (UAD), Universitas Muhammadiyah Semarang (UNIMUS)	
2	2013-Now	National Collaboration Research	National	Minitry of Education (MoE)	https://www.moe.gov.my/
3	2013-Now	University Research Grant	Local	Universiti Pendidikan Sultan Idris	

4	2021	Gold Medal (ChesuTI)	International	Malaysian Technology Expo (MTE)	https://mte.or g.my/
5	2021	Copyright of ChesuTI	National	Intelectual Property Corporation of Malaysia (MyIPO)	https://www. myipo.gov.my /ms/start/
6	2021	Copyright of Heksagogi	National	Intelectual Property Corporation of Malaysia (MyIPO)	https://www. myipo.gov.my /ms/start/
7	2021	Copyright of LeMTo	National	Intelectual Property Corporation of Malaysia (MyIPO)	https://www. myipo.gov.my /ms/start/
8	2021 (Okt-Dis)	Visiting Professor	International	Universitas Muhammadiyah Surakarta (UMS)	
9	2021	Consultant	National	Pandai Education Sdn Bhd	https://pandai .org/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

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e-mail	: nazirahr@uitm.edu.my
Phone/WA	: 60139067371
Field-1	: Fuzzy Mathematics
Field-2	: Mathematics Education
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ID Orcid	: 0000-0001-8800-7431
ID Google Scholar	: dRF3IKYAAAAJ
h-index Scopus	: 4

Short Biography

Nazirah Ramli is an Associate Professor of Mathematics at the Department of Mathematics, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA Pahang, Malaysia, since 1994. She was born in Pahang on

May 27, 1969. She got a Ph.D. degree in Fuzzy Mathematics from Universiti Teknologi MARA Selangor in 2013 with the Ph.D. thesis entitled Ranking Trapezoidal Fuzzy Numbers based on Set Theoretic with Hurwicz Criterion. She now focuses on research in Fuzzy Decision Making, Fuzzy & IFS Time Series Forecasting and Mathematics Education.

Associate Professor Nazirah has received a number of grants from the Ministry of Higher Education Malaysia under the area of Fuzzy Decision Making and Fuzzy Time Series Forecasting. She is an external examiner of Ph.D. and Master thesis at some universities

in Malaysia and India. She is also an assessor of Mathematics courses at private university in Malaysia.

Associate Professor Nazirah also has experience in the organization as a Head of the Department of Mathematics in 2003-2005, and Head of Faculty of Computer and Mathematical Sciences Universiti Teknologi Mara Pahang in 2015-2017. Currently she is the Deputy Rector of Academic Affairs, Universiti Teknologi Mara Pahang since January 2021. For the mathematical society, Associate Professor Nazirah is a member of the Malaysian Mathematical Science Society and was also a chairman of the 25th National Symposium of Mathematical Science Malaysia (2017), organized by the Malaysian Mathematical Science Society.

Research and Publication

Associate Professor Nazirah's research is on Fuzzy Decision Making, Fuzzy and Intuitionistic Fuzzy Time Series Forecasting, and Mathematics Education. Her mathematical works have been published in national and international journals. Her list of Publications can be found at:

https://scholar.google.com.my/citations?hl=en&user=dRF3lKYAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Fuzzy time series forecasting model based on intuitionistic fuzzy sets via delegation of hesitancy degree to the major grade de-i-fuzzification method.	Alam, NMFHNB., **Ramli, N**., & Mohammed, N.	*Mathematics and Statistics*, 9(1): 4653.	DOI: 10.13189/ms.2021.090 108. https://www.hrpub.org/journals/jour_info.php?id=34
2	2020	Metaphors and Images of Mathematics Among Secondary School Students	Osman, R., Hilmi, ZAG., **Ramli, N.,** & Abdullah, NM.	*ASM Sc Journal*, 13(7), 1-7	https://doi.org/10.32802/asmscj.2020.sm26(2.16)

3	2018	Formulation of evidences in pointwise form for some Jaccard ranking fuzzy numbers	**Ramli, N.,** Yusof, Y., & Basri, NAH.	Chapter in book Springer, 881-888	https://doi.org/10.100 7/978-981-13-0074-5_86
4	2017	Fuzzy time series forecasting model with natural partitioning length approach for predicting the unemployment rate under different degree of confidence.	**Ramli, N.,** Mutalib, SMA., & Mohamad, D.	*AIP Conference Proceedings* 1870, 040026	https://doi.org/10.1063/1.4995858
5	2016	Divine proportion in modern architecture: A case study.	Mohamed, M., Dzulkifli**,** NM., **Ramli**, **N.,** Ariffin, K., & Hashim, MS.	*Jurnal Teknologi.* 78/10-4/15-20.	https://doi.org/10.1111 3/jt.v78.9885
6	2010	Book: Fuzzy from Theory to Applications	Mohamad, D., Ismail, R., Osman, KA., **Ramli, N.,** et al.	Publisher: UiTM Press ISBN: 9789673054909	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021- now	Deputy Rector of Academic Affairs	UiTM Cawangan Pahang	
2	2021 - now	Assessor for Mathematics Course	Universiti Teknologi Petronas	
3	2015 -2017	Head of Faculty	Faculty of Computer & Mathematical Sciences, UiTM Cawangan Pahang	
4	2003-2005	Head of Department	Mathematics Department, UiTM Cawangan Pahang	

5	2017	Chairman of SKSM 25	Malaysian Mathematical Society	
6	2012-2014, 2006 - 2008	Chief Editor	Gading Business & Management Journal	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2019 & 2020	Consultation Grant Family And Comm unity Empowerment (Face)	National	Lembaga Penduduk & Pembangunan Negara (LPPKN) Pahang, Malaysia	
2	2014 2016	National Collaboration Research	National	Universiti Kebangsaan Malaysia	
3	2020	Copyright: Software. Name of Software : Fuzzy Decision A with Degree of Consensus (FDADC) System	National	Intellectual Property Corporation of Malaysia	LY2019005 2 81
4	2020	Copyright: Mathematics Card Game. Name of Game: Enjoymaths: Perm Matematik Berinteraktif	National	Intellectual Property Corporation of Malaysia	LY20200036 48

5	2019	Copyright: Mobile Apps Anti-Derivatives Mobile Learning based on Types of Integrand (ADMLTI)	National	Intellectual Property Corporation of Malaysia	L Y2018003 3 06

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

Name	:	Yuhani binti Yusof
Affiliation	:	Universiti Malaysia Pahang
Office Addres	:	Pusat Sains Matematik, Kolej Komputeran dan Sains Gunaan, Universiti Malaysia Pahang, Lebuhraya Tun Razak, 26300 Gambang, Kuantan, Pahang.
e-mail	:	yuhani@ump.edu.my
Phone/WA	:	012-2760706
Field-1	:	Formal Language Theory & Its Application (DNA Splicing System)
Field-2	:	Graph Theory & Its Application
ID Scopus	:	36702398400
ID Orcid	:	0000-0002-3818-1877
ID Google Scholar	:	https://scholar.google.com/citations?user=0lXqS9oAAAAJ&hl=en
h- index Scopus	:	4

Short Biography

Yuhani binti Yusof is currently served as an Associate Professor in the Centre for Mathematical Sciences at Universiti Malaysia Pahang. Experiences of more than 15 years in teaching various mathematics subjects at some Institute of Higher Learning, she actively involved in research related to the mathematics education and biomathematics field- modeling, proving, and computing. Even her major experts are more on theory and application of Formal Language and Graph, she also interested in constructing C/ C++ and conducting STEM programs (Mathematics) for school level as a CSR program. She

has been acknowledged by receiving several grants, CITReX awards and, intellectual propertiescopyright

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	*Medicinal Cupping in the Eyes of Graph Theory	N.M Hanafi, Y. Yusof, M.S. Mohamad, M.F.A Bakar, M.A. Ibrahim	Data Analytics and Applied Mathematics (DAAM)	https://doi.org/10.15282/daam.v1i01.5325
2	2020	A Review on Autonomous Mobile Robot Path Planning Algorithms	Noraziah Adzhar, Yuhani Yusof, Muhammad Azrin Ahmad	ASTES Journal	https://astesj.com/v05/i03/p3 0/
3	2019	*Optimal Medicinal Cupping Points Selection for Asthma Disease via Graph Colouring: A Preliminary Study.	Yuhani binti Yusof, Mohd Sham bin Mohamad, Noraziah Adzhar, Nurfatihah Mohamad Hanafi, Marta A/P Elizabeth, Muhamad Faiz Abu Bakar, Mohd Adhha Ibrahim.	Journal of Physics: Conference Series, 1366: 012078.	https://doi.org/10.1088/1742 - 6596/1358/1/012078
4	2019	*A Preliminary Study of Optimizing Back Pain Medicinal Cupping Points Disease via Graph Colouring.	Nurfatihah Mohamad Hanafi, Yuhani Yusof, Mohd Sham Mohamad, Muhamad Faiz	Journal of Physics: Conference Series, 1366: 012077.	https://doi.org/10.1088/1742 - 6596/1366/1/012077

			Abu Bakar, Mohd Adhha Ibrahim.		
5	2019	Mathmatical Formulae 3.0.	Norazaliza Mohd Jamil, Nor Alisa Damanhuri, Yuhani Yusof, Nor Aida Zuraimi Md Noar, Norhafizah Md Sariff	Penerbit UMP. ISBN: 978-967-2054-68-9	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	14 November 2005- Current	Tutor DS41 Lecturer DS45 Senior Lecturer DS52 Assoc. Prof. DS54	Universiti Malaysia Pahang (formerly known as Kolej Universiti Kejuruteraan dan Teknologi Malaysia), Pahang, Malaysia.	www.ump.edu.my
2	24 October 2010- 23 Mac 2011	Visiting Scholar	Towson University, Maryland, USA	https://www.towson.edu
3	12 July-30 September 2005	Teaching Assistant	Jabatan Matematik, Fakulti Sains, Universiti Teknologi Malaysia, Skudai, Johor.	www.utm.my
4	2004	Research Assistant	Jabatan Matematik, Fakulti Sains, Universiti Teknologi Malaysia, Skudai, Johor.	www.utm.my

5	2002	Trainee (Industrial Training)	Continental Sime Tyres AS Sdn Bhd, Mergong, Kedah, Malaysia (formerly known as Sime Tyres International)	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	16 December 2008 – 15 December 2011.	SLAI/ UMP Scholarship for PhD program,	National	Ministry of Higher Education (Malaysia)	
2	24 September 2010- 23 Mac 2011	Honorarium from Maryland State, USA	International	Maryland State, USA	
3	07 September 2016.	"Persistency and Permanency of DNA Splicing System Predictor". (c) <2016>	Local	Universiti Malaysia Pahang. 397.LY2017001270	
		"Behaviour of DNA Splicing Language Predictor". (c) <2016>		Universiti Malaysia Pahang. 398.LY2017001269	
4	05-06 March 2014.	Gold Medal in CITReX 2014: Splicing Language Predictor	Local	Universiti Malaysia Pahang	

5	07 September 2013 – 18 June 2016	Characteristics of First Stage DNA Splicing Languages via Yusof-Goode Approach RDU131404 (RAGS)	National	Ministry of Higher Education (Malaysia) RM56 342.00	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

Name	: Dr. Noor Fadiya Mohd Noor
Affiliation	: Institute of Mathematical Sciences, Universiti Malaya
Office Addres	: Institute of Mathematical Sciences, Faculty of Science, Universiti Malaya, 50603 Kuala Lumpur, Malaysia
e-mail	: drfadiya@um.edu.my
Phone/WA	: +603-79674330
Field-1	: Fluid Mechanics
Field-2	: Numerical Methods
ID Scopus	: 57190565573
ID Orcid	: 0000-0002-4326-7384
ID Google	: FPApKx0AAAAJ&hl=en
Scholar *h*- index Scopus	: 18

Short Biography

N. F.M. Noor was graduated from PhD in the field of Numerical Methods for Fluid Mechanics with 9 SCI-indexed journal publications in 2010. She was supervised by Prof. Dr. Ishak Hashim from Universiti Kebangsaan Malaysia (UKM), one of the top three Malaysians listed as The Most Influential Scientific Minds 2014. She did her full time PhD in UKM while teaching full courses in UNISEL (formerly known as Universiti Industri Selangor) as a full time lecturer. She acquired her first Fundamental Research Grant Scheme (FRGS) from the Ministry of Higher Education as a Principal Investigator (PI) in 2010 and was promoted to Senior Lecturer under Department of Mechatronics, Faculty of Engineering, UNISEL. She joined Institute of Mathematical Sciences (ISM), Faculty of Science in 2012 with a 3-year contract term but ended up as a permanent Senior Lecturer within 10 months of service. Her academic post was confirmed and she received Universiti Malaya Excellent Service Certificate in 2015.

In 2016, N.F.M. Noor was invited as a Plenary Speaker in CMES 2016 organized by Moulay Ismail Universite, Errachidia, Morocco. In 2017, she was among 54 Malaysian lecturers selected from more than 500 applicants under the flagship CEO@Faculty Program 2.0 by the Ministry of Higher Education, Malaysia to undergo a 6-month industrial attachment. She was hosted by the Department of Strategy, Sunlife Malaysia Assurance Berhad under direct mentorship of the Chairman, Datuk Dr. Syed Muhamad Syed Abdul Kadir who is also a Director Board Member of other 9 public listed companies in Malaysia. After her attachment was completed in February 2018, she was awarded a Mevlana mobility grant by the Turkish government hosted by Associate Prof. Dr. Mehmet Baskonus in Munzur Universitesi, Turkey in May 2018. In 2019, N.F.M. Noor spent her 9-month sabbatical leave in UM focusing on her postgraduate supervision and finishing her existing research tasks. She was one of the invited speakers sponsored by Academia Sinica in Taiwan in June 2019. She hiked Mount Qixing Main Peak and East Peak, the highest mountains in Taipei, Taiwan alone while fully fasting in that holy Ramadhan month. In July 2019, she hiked Mount Fuji, Japan and in that same month she was accepted as a Reservist Officer with Royal Malaysian Navy.

In January 2020, N.F.M. Noor visited Assoc. Prof. Dr. Shams-ul-Islam in Islamabad who taught her Lattice Boltzmann Method and some Pakistani PhD students who asked her guidance on their Ph.D. research as she was one of Pakistan Higher Education Council (HEC) approved thesis examiners. She hiked Mount Kinabalu in Mac 2020, the highest mountain in Malaysia before Movement Control Order was enforced by the government. She returned to UM from her sabbatical leave and was appointed as Assistant Deputy Head (Research) for ISM. In October 2020, she founded Center for Data Analytics Consultancy and Services (UM-CDACS), a new research center under Faculty of Science as the Director. In November 2020, she was appointed as a member of working committee for UM Industrial and Community Engagement Policy.

In January 2021, N.F.M. Noor was appointed as Deputy Head (Research) of ISM. She received UM Excellent Service Award 2021 in March. She was assigned as the Leader for Task Force 1.3 (Continuous Professional Education) for Action Lab Theme 1 under the Vice Chancellor of UM in May 2021. Today she have 26 SCI/SSCI journal publications, 2 graduated PhD students, 2 graduated MSc students (1 thesis & 1 dissertation), 2 post graduate students with submitted theses (1 PhD & 1 MSc) and 5 active postgraduate students (4 PhD & 1 MSc). She has acquired 3 external grants and 3 internal grants as Principal Investigator (PI) with an accumulated grant amount of RM 254,360.00. She has also involved as a Co-Researcher in 1 external grant and 1 internal grant with an accumulated grant amount of RM 120,500.00.

Research and Publication

The list of research publications by N.F.M. Noor can be found from this link:
https://scholar.google.com.my/citations?user=FPApKx0AAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	*Numerical solutions for heat transfer of an unsteady cavity with viscous heating*	H. F. Wong, Muhammad Sohail, Z. Siri, N. F. M. Noor	Computers, Materials & Continua 68(1), 319-336 (2021).	https://www.techscience.com/cmc/v68n1/41826
2	2021	*Mixed convection flow of Powell–Eyring nanofluid near a stagnation point along a vertical stretching sheet*	N. A. Halim, N. F. M. Noor	Mathematics 9(4), 364 (2021)	https://doi.org/10.3390/math9040364
3	2021	*Breather, multishock waves and localized excitation structure solutions to the Extended BKP Boussinesq equation*.	Harunor Roshid, N.F.M. Noor, Shekha Hatun, H.M. Baskonus, F.B.M. Belgacem	Communications in Nonlinear Science and Numerical Simulation 101, 105687 (2021).	https://doi.org/10.1 016/j.cnsns.2021.105867
4	2019	*Mean Monte Carlo Finite Difference Method for random sampling of a nonlinear epidemic system*	M. A. Mohammed, A. I. N. Ibrahim, Z. Siri, N. F. M. Noor	Sociological Methods & Research 48(1), 34-61 (2019).	https://journals.sagepub.com/doi/full/10.1177/0049124116672683

5	2017	*Active and passive controls of the Williamson stagnation nanofluid flow over a stretching/shrinking surface*	N. A. Halim, S. Sivasankaran, N. F. M. Noor.	Neural Computing and Applications 28(1), 1023-1033 (2017).	https://link.springer.com/article/10.1007/s00521-0162380-y

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-Present	Director	Center for Data Analytics Consultancy and Services (UM-CDACS)	
2	2021-Present	Deputy Head (Research)	Institute of Mathematical Sciences, UM	
3	2020-Present	Secretary	Palestinian Progressive Association Malaysia (PPAM)	
4	2017-2018	CEO@Faculty 2.0 Fellow	Sunlife Assurance Malaysia	
5	2008-2018	Board Member	Koperasi Unisel Berhad	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2021	UM Excellent Service Award 2021	Local	Universiti Malaya	
2	2020-2022	Research Grant (PI) FRGS/1/2020/ STG06/UM/02 /1, FP009-2020	National	Ministry of Higher Education	
3	2018	Mevlana Academic Exchange & Mobility Grant	International	Turkish Council of Higher Education	

4	2015-2017	Research Grant (PI) FRGS/1/2015/ SG04/UM/02/ 1, FP016-2015A	National	Ministry of Higher Education	
5	2010-2012	Research Grant (PI) FRGS/2/2010/SG/ UNISEL/03/1	National	Ministry of Higher Education	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

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Phone/WA	: +601132557880
Field-1	: Financial Mathematics
Field-2	: Actuarial Science
ID Scopus	: 48761857000
ID Orcid	: 0000-0001-5892-9013
ID Google Scholar	: 4rYl4aYAAAAJ&hl=en
h- index Scopus	: 4

Short Biography

Hail from Port Dickson, Malaysia, Siti Norafidah Mohd Ramli is a senior lecturer at the Actuarial Program of Universiti Kebangsaan Malaysia (UKM). In 2015, she received a Ph.D. in Applied Finance and Actuarial Studies from Macquarie University, Australia, with a thesis titled Modelling Multivariate Dependence Structures in Insurance and Credit Risk Via Copulas.

In the year 2005, she obtained MSc in Risk and Stochastic from the London School of Economics & Political Science following her graduation in BSc in Actuarial Science with a First Class Honors from the same varsity in the previous year. Upon her PhD completion, she was hired as a Research Fellow at the Centre for Financial Risk, Sydney in the year 2014 where she worked with Prof. Stefan Trueck and Dr Jiwook Jang of Macquarie

Business School. She was also a Visiting Fellow at the Department of Applied Finance and Actuarial Studies of Macquarie University, in 2016 and 2017.

Dr Mohd Ramli has been awarded research grants from the Ministry of Higher Education Malaysia and UKM, as well as a scholarship to study the Chartered Financial Analyst (CFA) professional qualification from Yayasan Peneraju, an agency under the Malaysian Prime Minister's Office. Mainly focusing on research in the field of financial mathematics and actuarial science, she is interested in the applications of jump-diffusion models and copula on financial instruments and risk portfolios. She had a stint as a quant analyst at the national asset management firm and is currently a Level 3 CFA candidate. She has also worked with investment and insurance firms such as Etiqa and Ficus Venture Capital solving real life problems in her capacity as a researcher. Other than being a member of Malaysian MENSA, she is actively involved in cooperative organisations. She is also an avid martial art apprentice in Japanese jujutsu and Silat Tomoi, as well as an occasional band guitarist and vocalist.

Research and Publication

Dr Mohd Ramli studies the role of the jump-diffusion model in representing financial and mortality risks for prudent pricing of financial contracts, insurance & pension reserves, as well as the application of stochastic differential equations in strategic asset allocation. In the field of actuarial science, she is currently looking at the application of Weibull inter-waiting time distribution in modelling aggregate discounted claims with copula.

Her list of publications can be found at: www.orcid.org/0000-0001-5892-9013

The best five recent publications in journals and/or books

No.	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Monte Carlo Simulation of the Moments of a Copula-Dependent Risk Process with Weibull Interwaiting Time	Alhabshi SFSY, Zamzuri, ZH, Mohd Ramli SN	Risks / MDPI	www.mdpi.com/2227 - 9091/9/6/109/htm

2	2015	Jump diffusion intensities in life insurance and disability annuity	Jang, J and Mohd Ramli, SN	Insurance: Mathematics and Economics / Elsevier	www.sciencedirect.com/science/article/pii/S0167668715300871
3	2018	Hierarchical Markov Model in Life Insurance and Social Benefit Schemes	Jang, J and Mohd Ramli, SN	Risks / MDPI	www.mdpi.com/2227 -9091/6/3/63
4	2021	Estimating Loss Given Default Based on Beta Regression	Jaber, JJ., Ismail, N., Mohd Ramli,SN, Al-Badareen, B., & N. Hamadneh	Computers, Materials & Continua /	www.techscience.com/cmc/v66n3/41101/ pdf
5	2020	Defaultable bond pricing under the jump diffusion model with copula dependence structure	Mohd Ramli, SN & Jang, J	Sains Malaysiana / UKM Press	http://www.ukm.my/jsm/pdf_files/SM-PDF49-4-2020/23.pdf
6	2020	Skim Caruman Risiko Perniagaan untuk PKS	Mohd Ramli, SN	Dewan Ekonomi / DBP	Only available in hard copy

The best five organization experiences

No.	Year	Position	Organization	Link (if any)
1	2016, 2017	Visiting Fellow	Fac. of Business & Economics, Macquarie University	
2	2017-2019	Internal Auditor	Cooperative of Vehicle & Transportation Port Dickson	
3	2006-2007	Quant Analyst	Investment Division, Permodalan Nasional Berhad	
4	2016	Principal Researcher	Risk Management Department, Etiqa Berhad	
5	2021	Pitching Panelist	Ficus Venture Capital	
6	2016-now	Member	Malaysian MENSA	
7	2010-now	Member	Cooperative of Malay Civil Servants, Negeri Sembilan	

The best five awards including research grant and/or copyright

No.	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020-2022	Research Grant: Ruin Probabilities for a Copula Dependent Risk Portfolio with Weibull Counting Process	Local (GUP)	UKM	
2	2017-2020	Research Grant: Development of HighResolution Future Weather and Climate Extremes Maps and Database of Relevant Indices for Peninsular Malaysia Based on Multi-Regional Climate Model Simulation	National (Fundamental Research Grant Scheme, FRGS)	Ministry of Higher Education, Malaysia	
3	2016-2019	Research Grant: Development of Catastrophe Insurance Model using Electromagnetic Field Approach	National (Fundamental Research Grant Scheme, FRGS)	Ministry of Higher Education, Malaysia	
4	2016-2018	Research Grant: Jump Diffusion Model with Copula Dependence Structure in Corporate Bond Pricing	Local (Young Researchers Grant Scheme)	UKM	

5	2015-2020	<u>Scholarship:</u> Peneraju Professional Program Chartered Financial Analyst	National	Yayasan Peneraju	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: MALAYSIA

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Field-1	: Bayesian Statistics
Field-2	: Multivariate Analysis
ID Scopus	: https://www.scopus.com/authid/detail.uri?authorId=36182167900
ID Orcid	: https://orcid.org/0000-0001-5909-5284?lang=en
ID Google Scholar	: https://scholar.google.com/citations?user=2E2GSeIAAAAJ&
h- index Scopus	: 4

Short Biography

Zamira is a senior lecturer at Department of Mathematical Sciences, Faculty of Science and Technology, UKM. She obtained her BSc in Actuarial Science from UKM and Master of Applied Statistics from University Putra Malaysia (UPM). She has a PhD in Statistics from Macquarie University, Australia. Her research interest mainly on statistical analyses of traffic accident count data, specifically by employing Bayesian and multivariate

techniques. She is also interested in exploring various computational statistical techniques typically found in the data science field.

Research and Publication

More details can be found at:

https://ukmsarjana.ukm.my/main/lihat_profil/SzAxNTEzMQ==

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	A Bibliometric Analysis of COVID-19 Research in Malaysia using Latent Dirichlet Allocation	Zamira Hasanah Zamzuri	Sains Malaysiana	https://www.ukm.my/jsm/english_journals/vol50num6_20 21/contentsVol50num6_2021.html
2	2021	Monte Carlo Simulation of the Moments of a CopulaDependent Risk Process with Weibull Interwaiting Time	Sharifah Farah Syed Yusoff Alhabshi, Zamira Hasanah Zamzuri & Siti Norafidah Mohd Ramli	Risks	https://www.mdpi.com/2227-9091/9/6/109
3	2020	Comparing and Forecasting using Stochastic Mortality Models: A Monte Carlo Simulation	Zamira Hasanah Zamzuri & Gwee Jia Hui	Sains Malaysiana	http://www.ukm.my/jsm/english_journals/vol49num8_202 0/vol49num 8_2020 pg2013-2022.html
4	2019	Bayesian Network of Traffic Accidents in Malaysia	Zamira Hasanah Zamzuri, Akmalia Shabadin & Siti Zaharah Ishak	Journal of Information and Communication Technology	http://www.ejournal.uum.edu.my/index.php/jict/article/view/8298

5	2018	Predicting crash frequency for multi-vehichle collision types using multivariate Poissonlognormal spatial model: A comparative analysis	Mehdi Hosseinpur, Sina Sahebi, Zamira Hasanah Zamzuri, Ahmad Shukri Yahaya, Noriszura Ismail	Accident Analysis & Prevention	https://www.sciencedirect.com/science/article/abs/pii/S0001457518301878

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018 - 2021	Coordinator for MSc. (Statistics) program	Universiti Kebangsaan Malaysia	http://www.ukm.my/siswazahfst/coordinator-msc-bycoursework/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2018	Research University Grant Scheme	Local	Universiti Kebangsaan Malaysia	
2	2015	Fundamental Research Grant Scheme	National	Ministry of Higher Education, Malaysia	
3	2014	Young Researchers Grant Scheme	Local	Universiti Kebangsaan Malaysia	
4	2020	Copyright for survey on students' friends and peer tutor networks	Local	Universiti Kebangsaan Malaysia	

5	2019	Copyright for students' profile and academic background dashboard	Local	Universiti Kebangsaan Malaysia	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MALAYSIA

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Phone/WA	: -
Field-1	: Optimization
Field-2	: Data Analytics
ID Scopus	: 57214859858
ID Orcid	: 0000-0002-4930-0798
ID Google Scholar	: aEhqyngAAAAJ&hl=en
h- index Scopus	: 5

Short Biography

Dr Tan Wooi-Nee received the Bachelor of Science, Computer and Education (Hons), Master of Science in Mathematics and the Ph.D. degree in Mathematics from the Technology University of Malaysia. Mathematical modelling and optimization, as well as data analytics, are among her research interests. She is currently attached with Faculty of Engineering in Multimedia University as a lecturer.

Research and Publication

Majority of her current research focus in the area of mathematical modelling especially on optimization for various applications problems, such as vehicle to grid, industrial demand-side management, anomalous detection in smart grid, telecommunications network, etc. Her research interests also cover data analytics for a variety of industrial challenging projects, including prediction and manpower allocation for logistic industry, prediction and energy efficiency saving for rice milling project, etc.

Complete list of her publication works can be found at
https://scholar.google.com/citations?user=aEhqyngAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	QoS controlled capacity offload optimization in heterogeneous networks	Thiagarajah, S.P., Alias, M.Y., **Tan, W.N.**	Bulletin of Electrical Engineering and Informatics	https://doi.org/10.11591/eei.v9i6.2706
2	2019	An Optimal Charging and Discharging Schedule to Maximize Revenue for Electrical Vehicle	Chai, Y-T, **Tan, W.N.**, Gan, M. T., Yip, S.C.	6th IEEE Conference on Sustainable Utilization and Development in Engineering and Technology (2019 IEEE CSUDET), Penang, 7 -9 November 2019	https://ieeexplore.ieee.org/document/9214678

3	2019	Optimal Scheduling of Dynamic Energy Demand in Smart Grid Using Timeslotting Linear Programming	Mansor, M.N., **Tan, W.N.**, Gan, M. T., Yip, S.C., Wong, H.L.	IEEE PES Innovative Smart Grid Technologies Europe	https://ieeexplore.ieee.org/document/8905601
4	2018	An Anomaly Detection Framework for Identifying Energy Theft and Defective Meters in Smart Grids	Yip, S.C., **Tan, W. N.**, Tan, C.K., Gan, M.T., Wong, K.S.	International Journal of Electrical Power & Energy Systems	https://doi.org/10.1016/j.ijepes.2018.03.025
5	2017	Identification of higher dimensional illconditioned systems using extensions of virtual transfer function between inputs	Yap, T.T.V, Tan, A. H., **Tan, W. N.**	Journal of Process Control	https://www.sciencedirect.com/science/article/pii/S0959152417300999

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019 - 2021	Program Coordinator for Mathematics Subjects	Multimedia University	

2	2021	Editor, 2020 RICES Engineering Posters Publication Under MMU Press	Multimedia University	
3	2015 - 2019	Moderator, Hua Lo Geng Secondary School Mathematics Competition	Selangor and Kuala Lumpur Hokkien Association	
4	2017-2021	Technical Committee	International Conference on Multimedia Systems and Signal Processing	http://www.icmssp.org/
5	2019-2021	Technical Committee	International Conference on Engineering Mathematics and Physics	http://www.icemp.org/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	March 2019	Best Paper Awards, "Demand-Side Management for Load Scheduling with TimeVarying Voltage in Smart Grid"	International	International Conference on Advanced Science, Engineering and Technology	
2	Jan 2019 – Sept 2021	Research Grant on Optimization Model of Demand Side Management for Load Balancing and Cost Reduction in IoT Enabled Smart Microgrid	National	FRGS, Ministry of Higher Education	

3	June 2013- June 2016	Research Grant on Landslide Detection And Prediction For LandsliSusceptibility Mapping	International	Japan International Cooperation Agency and Ministry of Higher Education	
4	2018	Merits, Invention & Innovation Awards, Interpolation of Low Resolution Digital Elevation Models for Landslide Suceptibility Mapping	Internatio nal	Malaysia Technology Expo	
5	2017	1st Runner Up Research Project (Category: Engineering)	National	Multimedia University	

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : MYANMAR

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: MYANMAR

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Field-1	: Computational Fluid Dynamics
Field-2	: Numerical PDEs

Short Biography

Ohn Mar is a professor at Department of Mathematics, University of Mandalay. She started to work as a teaching staff at University of Mandalay since 1986. She was a full time professor since 2009. She worked as a professor at Department of Mathematics, Myeik University, southern part of Myanmar in 2009-2010, at University of Mandalay from 2011 to 2017 and at Mandalay University of Distance Education from 2018 to 2020. Now she is working as a professor at Department of Mathematics, University of Mandalay. She was born in Meiktila, Mandalay Region on August 1, 1965.

She got a Ph.D. degree in Mathematics, University of Mandalay in the year 2007 with the Ph.D. thesis entitled effects of viscous potential flow on a boundary. Her research interests are PDEs, computational fluid dynamics and mathematical physics. Since University of Mandalay offers the PhD program in mathematics, she focuses on research and research supervision of Master and PhD degrees in these research interests at Department of Mathematics, University of Mandalay. She was also an external examiner of MSc and Ph.D defence at some universities in Myanmar. She have been attended ICM

2014 in Seoul, Republic of Korea and she presented a poster presentation entitled force on a boundary in an inviscid potential flow (session code and poster code: P11-03). In 2016, she participated as a speaker at Asian Mathematicians Conference AMC 2016 and Asian Women Mathematicians Forum 2016 in Bali Nusa Dua Convention Centre, Denpasar, Bali, Indonesia. Throughout her working times, she was working hard to improve the level of mathematics of the faculty members and students.

Professor Ohn Mar has won award in travel research grant in 2015 from the IMU-SIMON foundation for collaborative research with Professor Yasuhide Fukumoto, Director, Institute of Mathematics for Industry (IMI), Kyushu University, Fukuoka Prefecture, Japan.

Prof. Ohn Mar also has experiences in the organization as a Head of the

Department of Mathematics in 2015-2017 in University of Mandalay and in 2018-2020 in Mandalay University of Distance Education. For the mathematical society, she was assigned as a joint secretary of the Mathematical Society of

Myanmar (MSM) in 2014-2015 and Vice-President in

2016-2017. She was a member of local organizing committee of the

International Conference on Science and Mathematics Education for Developing Countries (ICSMEDC) from 2013 to 2017. In 2011-2014, she worked as a member of PhD steering committee and in 2015-2017, as a chair of PhD steering committee at Department of Mathematics, University of Mandalay. And she was also a member of Myanmar Academy of Arts and Science (MAAS) since 2014 to the present. She was a coordinator/ representative of The South East Asia Mathematical Network (SEAMaN) which is set up three universities, Royal University of Phnom Penh(Cambodia), National University of Laos, (Laos) , University of

Mandalay(Myanmar) and it is supported by International Science Programme(ISP), Uppsala University, Sweden for the development of mathematics within the region. In 2016-2017, she did the project of Mathematics at UM for International Master Degree Program cooperated with International Center for Pure and Applied Mathematics (CIMPA, France) but it was temporarily stopped in 2018-2020 and now it will be a plan to continue in 2021 or 2022. She organized South East Asia Mathematical Society School (SEAMS School 2018) which was supported by CIMPA, France as a head of the organizers in 2018 with the title PDEs and their applications. In 20152017, She participated in the Fellowship for International Programme in

Mathematical Science, ISP, Uppsala University, Sweden in 2015, in the Pilot Course Level I, Connecting with the World Course by Institute of International

Education(IIE), New York and Ministry of Education, Myanmar in 2015-2016,

Asian University Leaders Program by United Board in Assumption University, Bangkok, Thailand in 2016 and Knowledge Co-creation Program (Country Focus) by Japan International Cooperation Agency (JICA) in 2017.

Prof. Ohn Mar participates as an Ambassador of Committee of Women in Mathematics International Mathematical Union (CWM IMU) for Myanmar in 2021.

Research and Publication

Professor Ohn Mar's research is on the computational fluid dynamics and PDEs. Her mathematical works have been published in national journals and books.

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Solution of the Dispersive Long Wave Equation in 2+1 Dimensions	Ohn Mar, Thida Oo	Myingyan Degree College Research Journal, Vol 11, No., 1, 274-287	
2	2019	Contribution of Point Vortices to the Force on a Moving Body	Ohn Mar	Myanmar Universities' Research Conference 2019 Conference Proceedings Vol 1, Issue 4, 135139	https://www.researchgate.net/publication/337388393_MURC_2019_paper
3	2019	Exact Solutions of Nonlinear Dispersive Equations for a Travelling Long Wave	Ohn Mar, Thida Oo	Myingyan Degree College Research Journal, Vol 11, No., 1, 274-287	

4	2018	Flow of a Viscous Fluid on a Flat Plate	Ohn Mar	Universities Research Journal 2018, Vol. 11, No., 2, 323-328	https://www.academia.edu/9446176/Universities_Research_Journal
5	2018	Effects of Potential Flow on a Two Dimensional Body in a Viscous Fluid	Ohn Mar	Mandalay University of Distance Education Research Journal, Vol 9, No.,1, 222-228	www.mude.edu.m m

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : PHILIPPINES

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: PHILIPPINES

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Field-1	: Mathematical Biology
Field-2	: Dynamical Systems
ID Scopus	: 6603246777
ID Orcid	:
ID Google Scholar	: U7IcM_IAAAAJ&hl=en
h- index Scopus	: 3
h- index Google Scholar	: 5

Short Biography

Polly Wee Sy is currently the only female professor emeritus at the Institute of Mathematics under University of the Philippines (UP). She holds a Master of Science (M.Sc.) and Ph.D. from the University of the Philippines and a Doctor of Science (D.Sc.) in Mathematics from the Nagoya University, Japan. Her research interests are differential equations, dynamical systems, spectral geometry, and mathematics biology.

Author to several publications, Dr. Sy has more than 30 papers in refereed journals, books and in a university bulletin, more than 30 papers presented in international conferences, university colloquia, and seminars, more than 15 papers published in international refereed proceedings, including commissioned work for the Commission for Developing Countries (CDC) of the International Mathematical Union (IMU), with Lee Peng-Yee entitled a "Mathematics in Southeast Asia : Challenges and Opportunities." She has also edited and co-edited international proceedings and journals.

Dr. Sy is a recipient of several honors and awards among them the 1996 National Research Council of the Philippines (NRCP) Achievement Award, 1992 National Academy of Science and Technology of the Philippines (NAST)Third World Academy of Science (TWAS) Science Prize (in Mathematics), the 1992 UP Diliman Gawad Chanselor Pinakamahusay na Mananaliksik (Chancellor's Award to Outstanding Scientist) and the 1988 NAST Outstanding Young Scientist Award.

Dr. Sy plays an active role in contributing further to the local and international mathematics organizations and communities. She was the former president of the Southeast Asia Mathematical Society (1998-1999) and two-time chair of the UP Diliman Department of Mathematics (1994-1996; 1999-2002). She is a member of various professional and scientific organizations such as the Southeast Asian Mathematical Society, Mathematical Society of the Philippines, and Mathematical Society of Republic of China. She also served as a member of the Governing Board of the National Research Council of the Philippines (NRCP) for two terms (2015-1019), as President of the UP Diliman Mathematics Foundation, Inc (2018-2020), as well as a member of the CDCIMU from 2011-2018. At present, she is one of the ambassadors of the Committee for Women in Mathematics (CWM) of IMU from the Philippines. Moreover, her service to the community includes being a content reviewer of the Department of Education (DepEd) of the Philippines for elementary/high school textbooks in mathematics for used in public schools (2004-2012) and a member of the Quality Assessment Team (National Capital Region) in mathematics of the Commission on Higher Education (CHED) up to 2012.

Research Interests

Professor Polly W. Sy's research interests are differential equations, dynamical systems, spectral geometry and mathematics biology.

The best six publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2019	Extinction and Uniform Persistence in a Microbial Food Web with	Almocera, A.E., Hsu, Sze-Bi, and Sy, Polly	Mathematical Biosciences and Engineering, 16(1) 2019, 516-537	

		Mycoloop: Limiting Behavior of a Population Model with Parasitic Fungi			
2	2014	On the Bifurcations and Multiple Endemic States of the Dynamics of a Single Strain HIV Model	Faina, L.K., Almocera, L. and Sy, Polly	Acta Math Applicadae Sinica, 30(4) 2014, 913-930	
3	2009	An Overview of Sunada's Work Up to Age 60	Katsuda, A. and Sy, Polly	Contemporary Mathematics 484, American Mathematical Society, May 2009, pp7-43.	
4	2008	Parabolic Equations with Singularity on the Boundary	Arceo, C. P., Escaner, J. M. IV, Otani, M and Sy, Polly	Advances in Mathematical Sciences and Applications, Volume 18, 2008, 29-40.	
5.	2002	On the asymptotic behavior of solutions to $-\Box_p u = \Box \Box u \Box^{q-2} u$	Agapito, J.C., Paredes, L., Rey, R. and Sy, Polly	Taiwanese Mathematical Journal, 6(4)2002, pp.555563.	
6.	1998	The diameter and hamiltonian cycle of the generalized de Bruijn graphs $UG_B(n, n(n+1))$"	Nochefranca, L. and Sy, Polly	International Journal of Foundation of Computer Science, Vol 9, No 1, March 1998, pp 13-23.	

The best six organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018-2020	President	UP Diliman Mathematics Foundation, Inc	

2	2015-2019	Member of the Governing Board and Treasurer (2017-2019)	National Research Council of the Philippines (NRCP)	
3.	2011-2018	Member and Asia Representative (2015-2018)	Commission for Developing Countries (CDC), International Mathematical Union (IMU)	
4.	1990-1993 and 1999-2002	Department Chairperson	Department of Mathematics, UP Diliman	
5.	1994-1996 and 1999-2002	Board member	Mathematical Society of the Philippines (MSP)	
6.	1998-1999	President	Southeast Asia Mathematical Society (SEAMS)	

The best four awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	1988	NAST Outstanding Young Scientist Award	National	National Academy of Science and Technology (NAST)	
2	1992	NAST-TWAS Science Prize (Mathematics)	National	NAST and Third World Academy of Science (TWAS)	
3	1996	NRCP Achievement Award	National	National Research Council of the Philippines (NRCP)	

4	1995	UP Diliman Gawad Chanselor Pinakamahusay na Mananaliksik (Chancellor's Award to Outstanding Scientist)	Institutional	Office of the Chancellor, University of the Philippines, Diliman	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

Name	: Professor Dr. Cristina B. Corcino
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Field-2	: Analytic Combinatorics
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ID Google Scholar	: 8_y5HhsAAAAJ
h-index Scopus	: 7

Short Biography

Dr. Cristina B. Corcino is currently a Professor of Mathematics at the Department of Mathematics of Cebu Normal University, Cebu City, Philippines. She was also a Professor of Mathematics in Mindanao State University and an Associate Professor at the Institute of Mathematics in UP Diliman before moving to Cebu Normal University. She got her PhD in Mathematics degree from UP Diliman, Quezon City in 1999.

Her research works started with her PhD thesis entitled Asymptotic Approximations of r-Stirling Numbers and Asymptotic Expansions of some Sheffer polynomials. Her recent research works include the papers: Logarithmic generalization of the Lambert W function and its applications to adiabatic thermostatistics of the three-parameter

entropy published in the journal Advances in Mathematical Physics, Vol. 2021 (Feb 2021); Resolution of the Plane-symmetric Einstein-Maxwell fields with a generalization of the Lambert W function published in the Journal of Physics Communication Volume 4 No. 8 (2020); and Approximations of Genocchi polynomials of complex order published in Asian-European Journal of Mathematics Volume 2 (2021).

Professor Cristina Corcino was cited as one of the top 150 Filipino scientists in 2015 by Cybermetrics Lab. She was also given Research Excellence Award in 2018 and Presidential Citations in 2019 and 2021 for publishing scientific papers in international journals indexed by Web of Science and Scopus and for being 5th among the top 10 most cited university Math professors in the country based on google scholar h-index. She also received research grants from the National Research Council of the Philippines (NRCP) and from the Commission on Higher Education (CHED) in the Philippines. Her research grant from CHED-Philippines has just ended on June 3, 2021 and she was able to produce eight (8) publications as outputs of the research project. She also received travel grants for research dissemination abroad which include NANUM 2014 travel grant for the International Congress of Mathematicians held in Seoul, South Korea and CHED travel grant in 2016 for paper presentation in the International Conference of Diophantine Analysis and Related Topics held in Wuhan University, Wuhan, China.

Professor Cristina Corcino was designated as Director of the Summer Upgrading Program for College Mathematics Teachers (SUPCOM 2016) organized by the Mathematical Society of the Philippines (MSP). She also served as Treasurer/Board Member of MSP Cebu Chapter. She has been designated as the Science Research Chair of the College of Arts and Sciences of Cebu Normal University since 2017 until present. She has also served as Chair of the Mathematics Department of Mindanao State University for two years (2003-2005).

Ongoing researches of Professor Cristina Corcino include seven (7) research projects with the Research Institute for Computational Mathematics and Physics (RICMP) and two (2) research projects with the Center for Research and Development (CRD) of Cebu Normal University.

Research and Publication

Professor Cristina Corcino's research is on Asymptotic Analysis and Analytic Combinatorics. Her mathematical works have been published in national and international journals.

Her list of Publications can be found at:
https://scholar.google.com.ph/citations?hl=en&user=8_y5HhsAAAAJ

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Logarithmic Generalization of the Lambert W Function and Its Applications to Adiabatic Thermostatistics of the ThreeParameter Entropy	C.B. Corcino and R.B. Corcino	Advances in Mathematical Physics, Volume 2021, Article ID 6695559	https://www.hindawi.com/journals/amp /2021/6695559/
2	2021	Approximations of Genocchi Polynomials of Complex Order	C.B. Corcino and R.B. Corcino	Asian-European Journal of Mathematics, Volume 14(5), Article 2150083	https://www.worldscientific.com/doi/abs/10.1142/S1793557121500832?journalCode=aejm
3	2020	Resolution of the PlaneSymmetric EinsteinMaxwell Fields with a Generalization of the Lambert W Function	I. Mezo, C.B. Corcino and R.B. Corcino	Journal of Physics Communications, Volume 4(8), pp. 1–8, 085008	https://iopscience.iop.org/article/10.1088/23996528/abab40

4	2020	Fourier Expansions for Higher-Order ApostolGenocchi, ApostolBernoulli and Apostol-Euler Polynomials	C.B. Corcino and R.B. Corcino	Advances in Difference Equations, Volume 2020, Article 346.	https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-020-02802-x
5	2020	ThreeParameter Logarithm and Entropy	C.B. Corcino and R.B. Corcino	Journal of Function Spaces, Volume 2020, Article ID 9791789	https://www.hindawi.com/journals/jfs/2020/9791789/

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016	Director, ***Summer Upgrading Program for College Mathematics Teachers*** (SUPCOM 2016) on May 26-28, 2016 at Cebu Normal University, Cebu City, Philippines	Mathematical Society of the Philippines	http://mathsociety.ph/index.php?option=com_content&view=article&id=37&Itemid=116
2	2016present	Treasurer/Board Member	Mathematical Society of the Philippines (MSP) Cebu Chapter	http://mathsociety.ph/index.php?option=com_content&view=article&id=2&Itemid=102

3	2017-2019	Trainer, Mathematics Upgrading Program (MUP)	Mathematical Society of the Philippines (MSP) Cebu Chapter	http://mathsociety.ph/index.php?option=com_content&view=article&id=2&Itemid=102
4	2017present	Science Research Chair	College of Arts and Sciences, Cebu Normal University	https://www.cnu.edu.ph/college-ofarts-andsciences/
5	2003-2005	Chairman	Department of Mathematics, College of Natural Sciences and Mathematics, Mindanao State University-Main Campus	https://next.msumain.edu.ph/academic-units-ofmarawi-campus/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2015	One of the Top 150 Filipino Scientists	National	Cybermetrics Lab (Based on Google Scholar Citation Index)	https://ateneo.edu/ls/iscs/news/top-150-filipinoscientists-3
2	2016-2017	NRCP Research Grant	National	National Research Council of the Philippines (NRCP)	https://nrcp.dost.gov.ph/research - grants

3	2018	Research Excellence Award	Institutional	Cebu Normal University	
4	2019, 2021	Presidential Citations for Publishing Scientific Papers in International Journal Indexed by Web of Science and Scopus and for being 5th among the top ten most cited University Math Professors in the country based on Google Scholar Hindex	Institutional	Cebu Normal University	
5	2019-2021	CHED-Grants-In-Aid for Research (Component Project Leader)	National	Commission on Higher Education (CHED) - Philippines	https://ched.gov.ph/grants-aid/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: Philippines

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Field-1	:	Group Theory (Algebra)
Field-2	:	Discrete Geometry
ID Scopus	:	6506022503
ID Orcid	:	https://orcid.org/0000-0003-1222-8961
ID Google Scholar	:	phcwgrMAAAAJ&hl=en
h- index Scopus	:	5

Short Biography

Ma. Louise Antonette N. De Las Peñas is a Professor of Mathematics at the Department of Mathematics, Ateneo de Manila University since 1996. Currently she is the Associate Dean for Research and Creative Work of her university, where she is primarily in charge of the Office of Research and Creative Work. She obtained her Phd in Mathematics from the University of the Philippines-Diliman in Algebra (Group Theory). She went to Sophia University, Japan in 1998 for post-doctoral studies and worked on Representation Theory of Finite Groups. Her research areas are Group Theory, Discrete Geometry, Mathematical Crystallography and Technology in Mathematics Education. She heads

three research labs in the University where she supervises Phd and Postdoctoral students, and works on government funded projects: Symmetries in Algebra and Geometry Lab, Mathplus Resources, and the Mathematics in Art, Culture and Creativity Residency Lab. Among her current research projects involve the creation and dissemination of mathematical resources and technology applications to support online and blended learning in Grades 1 to 11 during the time of the pandemic; and the mathematical analysis of Philippine baskets. Her numerous projects in the past years focusing on methods of analysis of Philippine cultural heritage has resulted in several consultancies with Philippine museums and national cultural agencies. Moreover, Prof. De Las Peñas through her work on the Mathematics of Philippine Indigenous Artwork, has enabled the empowerment and support for Philippine women weavers and artists.

Prof. De Las Peñas is a recipient of several research awards including the National Research Council of the Philippines (NRCP) Achievement Award in the Mathematical Sciences and the Philippine Commission on Higher Education Republica National Research Award. She has published her research extensively in international and national Scopus/Web of Science indexed journals, book chapters, international conference publications; and a number of her published articles have been given recognition by the Philippine National Academy of Science and Technology (NAST) as outstanding scientific papers. One of Prof De Las Peñas journal articles, *The Enigmatic Geometric Tattoos of Butbut of Kalinga*, *Philippines* was listed as one of the notable writings in the book The Best Writings on Mathematics 2020 by the Princeton University Press.

She has served as dissertation/thesis adviser to about 39 graduate students including 11 Phd students.

Prof. De Las Peñas is currently the Vice Chair and Executive Member of the International Union of Crystallography (IUCR) Mathematical and Theoretical Commission, and is an International Program Committee Member of the Asian

Technology Conference in Mathematics (ATCM). She is currently the column editor of The Mathematical Tourist of the journal The Mathematical Intelligencer and member of the Editorial Board of the Electronic Journal of Mathematics and Technology (EJMT).

Due to her significant contributions to science and mathematics, A children's book has been written about her "Rigid Motion: A story about Ninette De Las Peñas'" as one of the 10 women of science in the Philippines in 2017.

Research and Publications

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Tilings with Congruent Edge Coronae	Ma. Louise Antonette De Las Peñas, Mark Tomenes	*Polytopes and Discrete Geometry: Contemporary Mathematics Series*, American Mathematical Society	https://bookstore.ams.org/conm-764
2	2019	Enigmatic Geometric Tattoos of the Butbut of Kalinga, Philippines	Ma. Louise Antonette De Las Peñas, Analyn Salvador Amores	Mathematical Intelligencer, Springer	https://link.springer.com/article/10.1007/s 00283-018-09864-6
3	2018	Primitive Substitution Tilings with Rotational Symmetries	April Lynne Sayawen, Ma. Louise Antonette De Las Peñas, Dirk Frettloeh	Acta Crystallographica A, Wiley-Blackwell	http://scripts.iucr.org/ cgi-bin/paper?S2053273 318006745
4	2017	Substitution Tilings with Dense Tile Orientations and n-fold Rotational Symmetry	Dirk Frettloeh, April Lynne Sayawen, Ma. Louise Antonette De Las Peñas	Indagaciones Mathematicae, Elsevier	https://www.sciencedirect.com/science/article/pii/S0019357716 300763
5	2018	String C-Groups of Order 1024	Yashushi Gomi, Ma. Louise Antonette De Las Peñas, Mark Loyola	Contributions to Discrete Mathematics, University of Calgary	https://cdm.ucalgary.ca/article/view/62475 /46803

6.	2018	Crystallographic Patterns in Philippine Indigenous Textile	Ma. Louise Antonette De Las Peñas, Agnes Garciano, Debbie Marie Verzosa	Journal of Applied Crystallography, Wiley-Blackwell	https://onlinelibrary.wiley.com/doi/abs/10.1107/S160057671800 2182

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021-2023	Vice Chair	International Union of Crystallography (IUCr) Commission on Mathematical and Theoretical Crystallography	
2	2019-2021	International Program Committee	Twenty-Fifth **Congress** and General Assembly of the International Union of Crystallography, August 14-22, 2021	
3	2005-present	International Program Committee	Asian Technology Conference in Mathematics	
4	2017	Chair, Local Organizing Committee	*Modern Trends in Mathematical Crystallography*, Second International Workshop in Mathematical Crystallography	

5.	2018-present	Associate Dean for Research and Creative Work	Ateneo de Manila University	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2014	Republica National Award for Outstanding Research	National	Philippine Commission on Higher Education	
2	2018	Award for Best Scientific Paper, Mathematical and Anthropological Analysis of Northern Luzon Funerary Textile	National	Philippine National Academy of Science and Technology	
3	2014	Award for Best Scientific Paper, On Bravais Colorings Associated with Periodic and Non-Periodic Crystals	National	Philippine National Academy of Science and Technology	
4	2007	Award for Best Scientific Paper ,On Vertex Colorings of Archimedean Tilings with Applications in Molecular Symmetry	National	Philippine National Academy of Science and Technology	
5	2005, 2006, 2015	German Academic Exchange Service (DAAD) Research Grant to Germany: Bielefeld University, Bielefeld	International		

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

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Field-1	: Partial differential equations
Field-2	: Chemical reaction network theory
ID Scopus	: 36006454100
ID Orcid	: 0000-0003-0969-3010
ID Google Scholar	: LzMyZbcAAAAJ&hl=en
h- index Scopus	: 5

Short Biography

Editha C. Jose is an associate professor and the current director at the Institute of Mathematical Sciences and Physics, University of the Philippines (UP) Los Baños. She finished her bachelor's and master's degree in Mathematics from the UP Los Baños and a PhD degree in Mathematics from the UP Diliman in 2010. Her dissertation entitled “Asymptotic Behaviour of a Parabolic Problem with an Imperfect Interface” was completed at the University of Rouen, France under a Sandwich program of UP.

She is the past president of the Mathematical Society of the Philippines CALABARZON chapter and now sits as a board member of the Mathematical Society of the Philippines National. In 2016 and 2017, she was awarded the College Outstanding Senior Faculty and University's Outstanding Teacher in the Physical Sciences (Senior Category), respectively. Her research outputs earned her the UP Scientist 1 distinction from 2017-2019 and a candidate for renewal of the award for the period 2020-2022.

She is particularly involved as one of the proponents and organizers of the annual International Workshop on Mathematical Biology which started in 2018. The workshop conference initiated by local mathematical biologists aims to stimulate young mathematicians of possible inter-disciplinary research directions in mathematics and biology. On the other hand, together with her collaborators from France, India and the USA, they are co-organizing a biennial summer school (since 2017) in multi-scale analysis and homogenization.

Her research interests revolve around three fields: the homogenization and control of partial differential equations; chemical reaction network theory; and biomathematics. She is a fun-loving, smiling face mother to her five children and her countless students. She aspires to be an inspiration to mankind, in particular, for women, that hard work and perseverance always pay off.

Research and Publication

Research works of Dr. Jose can be classified into three main areas, namely, homogenization and controllability of partial differential equations, chemical reaction network theory and biomathematics.

The list of her publications can be found in her google scholar page:
https://scholar.google.com/citations?user=LzMyZbcAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Homogenization of an Eigenvalue Problem in a Two-Component Domain with Interfacial Jump. In: Donato P., Luna-Laynez M. (eds) Emerging	P. Donato, E. Gemida, and E.C. Jose	SEMA SIMAI Springer Series, Springer	https://link.springer.com/chapter/10.1007%2F978-3-030-62030-1_5

		Problems in the Homogenization of Partial Differential Equations			
2	2019	Complex Balanced Equilibria of Weakly Reversible Power Law Kinetic Systems	D.A. SJ. Talabis, E.R. Mendoza and E.C. Jose	MATCH Commun. Math. Comput. Chem	https://docs.google.com/viewer?url = http%3A%2F%2Fmatch.pmf.kg.ac.rs%2Felectronic_versions%2FMatch82 %2Fn3%2Fmatch82n3_601624.pdf
3	2015	A Mathematical Model of Intra-Colony Spread of American Foulbrood in European Honeybees (Apis Mellifera L.)	E.O. Jatulan, J.F. Rabajante, C.G.B. Banaay, A.C. Fajardo Jr., and E.C. Jose	Plos One	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0143805
4	2015	Chemical Reaction Network Approaches to Biochemical Systems Theory	C.P.P. Arceo, E.C. Jose, A.MarinSanguino and E.R. Mendoza	Mathematical Biosciences	https://www.sciencedirect.com/science/article/abs/pii/S0025556415001765
5	2010	Corrector Results for a Parabolic Problem with a Memory Effect	P. Donato and E.C. Jose	ESAIM: Mathematical Modeling and Numerical Analysis	https://www.esaim-m2an.org/articles/m2an/abs/2010/03 /m2an0934/m2an0934.html

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Director	Institute of Mathematical Sciences and Physics, University of the Philippines Los Baños	https://imsp.cas.uplb.edu.ph/about/
2	2019-2022	Board Member	Mathematical Society of the Philippines	https://www.mathsociety.ph/index.php?option=com content&view=article&id=2&Itemi d=102
3	2014-2017	President	Mathematical Society of the Philippines CALABARZON Chapter	
4	2017	Proponent and Chair, Organizing Committee	International Summer School on Multi-scale Analysis Methods and Applications	http://issmama2017.weebly.com/
5	2018	Proponent and Co-Chair, Organizing Committee	International Workshop on Mathematical Biology	http://mathbio2018.weebly.com/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2017-2019	UP Scientific Productivity Award (UP Scientist 1)	Local	University of the Philippines	

2	2016	Erasmus Mundus Staff Mobility Grant (IMPAKT)	International	European Commission	
3	2017	UPLB Outstanding Teacher Award (OTA) for the Physical Sciences (Senior Category)	Local	University of the Philippines Los Baños	
4	20162018 and 2020-2022	Enhanced Creative Work and Research Grant	Local	University of the Philippines	
5	2016	College Outstanding Senior Faculty	Local	University of the Philippines	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: PHILIPPINES

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Field-2	: Chemical Reaction Network Theory
ID Scopus	: 34976916500
ID Orcid	: 0000-0003-3028-9610
ID Google Scholar	: pwzgQTwAAAAJ&hl=en
h- index Scopus	: 6

Short Biography

Angelyn R. Lao is currently an Associate Professor in the Mathematics & Statistics Department and the Assistant Dean for Research & Advanced Studies of College of Science at De La Salle University (DLSU). She joined DLSU after the completion of her Doctorate degree in Systems Biology at the University of Rostock (Germany). She obtained her BS and MS degree in Mathematics at DLSU. She held a Research Fellowship (2015-2019) and two Professorial Chairs in Mathematics namely the Br. C. John Lynan FSC Professorial Chair in Mathematics and the Br. Albinus Peter FSC Professorial Chair in Mathematics (2018-2023). Together with her co-authors, they received the Outstanding Scientific Paper Award given by the Philippines National Academy of Science and Technology (2020). Several of her most notable publications include her work on establishing the first mathematical and compartmental models to describe and analyze

the influence of the receptor SORLA in the amyloidogenic processing of Alzhemier's disease. Her recent works apply chemical reaction network theory, bioinformatics and machinelearning approaches to study and discover the patterns in the topological structures of the disease networks, and identify biomarkers associated to different diseases.

Dr. Lao has been actively attending conferences, workshops and summer schools as a means for continuous learning, and to keep abreast on the latest developments in the field of systems biology and related fields. She has presented her work in several prestigious conferences such as the International Congress of Mathematics, International Conference on Systems Biology, Annual Convention of the Mathematical Society of the Philippines, Annual Meeting of the Society of Mathematical Biology, and International Congress for Industrial and Applied Mathematics. She also engages in sharing her knowledge and resources with the research community and wider society by organizing and giving training workshops. She is one of the few selected female mathematicians who have received from the International Mathematical Union travel grants (NANUM in 2014 Korea & Open Arms in 2018 Brazil) to attend the International Congress of Mathematicians where the Fields Medals in Mathematics are awarded.

She plays an active role in contributing further to the local research scene. She has been invited by different universities, meetings, and conferences to give talks and lectures. To support and empower female students, she has been organizing workshops, lecture series, and conferences that provide platforms for women in science to talk about their research and build linkages with other women in STEM.

She was able to independently establish and lead two Research Units under

De La Salle University's Center for Natural Sciences and Environmental Research (CENSER): the Mathematical and Statistical Modeling Research Unit (MaStMod) and the Systems and Computational Biology (SComB). As the unit head, she was able to build linkages and collaborations among members and students of MSMU to other research units under CENSER. This boosted research productivity and publication output of the Mathematics & Statistics Department.

Since 2014, as a mentor, she has already mentored 29 mentees (18 are female). For undergraduate thesis, students have the option to do it by pair. Whereas for graduate thesis/dissertation, this has to be done by the student independently. Out of the 29 mentees, she has supervised 13 undergraduate theses and 9 graduate level theses (4 completed and 5 still ongoing). Most of her students (even before completion of their theses) were able to present their works in local or international conferences and publish in reviewed and abstracted journals. She helps undergraduate and graduate students to gain confidence in presenting their ideas. She supports and empowers female students, colleagues and other women in STEM by providing them with the

foundation they need, a strong support system, and proper opportunities so that they, too, can become independent and competent professionals.

Research and Publication

Her research focuses on establishing mathematical theorems and models to understand and analyse complex biological systems. Her research addresses various health disease problems by proposing preventive measures and control strategies, which are relevant to health preventive.

Her list of Publications can be found at:

https://scholar.google.com/citations?user=pwzgQTwAAAAJ&hl=en&oi=ao

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2012	Quantitative modelling of amyloidogenic processing and its influence by SORLA in Alzheimer's disease	Vanessa Schmidt, Katharina Baum, Angelyn Lao, Katja Rateitschak, Yvonne Schmitz, Anke Teichmann, Burkhard Wiesner, Claus Munck Petersen, Anders Nykjaer, Jana Wolf, Olaf Wolkenhauer, Thomas E Willnow	The EMBO journal	https://www.embopress.org/doi/full/10.1038/emboj.2011.352
2	2012	Multi-compartmental modeling of SORLA's influence on amyloidogenic processing in Alzheimer's disease	Angelyn Lao, Vanessa Schmidt, Yvonne Schmitz, Thomas E Willnow, Olaf Wolkenhauer	BMC systems biology	https://link.springer.com/article/10.1186/1752-0509-6-74

3	2017	Reaction networks and kinetics of biochemical systems	Carlene Perpetua P Arceo, Editha C Jose, Angelyn R Lao, Eduardo R Mendoza	Mathematical biosciences	https://www.sciencedirect.com/science/article/abs/pii/S0025556416302486
4	2019	A Deficiency Zero Theorem for a Class of Power-Law Kinetic Systems with NonReactant-Determined Interactions	Noel Fortun, Eduardo Mendoza, Luis Razon, Angelyn Lao	MATCH Communications in Mathematical and in Computer Chemistry	https://match.pmf.kg.ac.rs/electronic_versions/Match81/n3/match81n3_621-638.pdf
5	2020	Socio-ecological network structures from process graphs	Angelyn Lao, Heriberto Cabezas, Ákos Orosz, Ferenc Friedler, Raymond Tan	PloS one	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0232384

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Board Member	Mathematical Society of the Philippines	
2	2015present	Research Unit Head	Systems and Computational Biology, Center for Natural Sciences and Environmental Research	
3	2019present	Regular Member	National Research Council of the Philippines	
4	2018present	Regular Member	Philippine American Academy of Scientists and Engineers	

5	2017present	Assistant Dean for Research and Advanced Studies	College of Science, De La Salle University	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020	Outstanding Scientific Paper Award	National	Philippines National Academy of Science and Technology	
2	2018present	Br. C. John Lynan FSC & Br. Albinus Peter FSC Professorial Chairs in Mathematics	Local	De La Salle University	
3	2018	Open Arms Travel Grant	International	ICM/ International Mathematical Union	
4	2016	Travel Grant	International	The Abdus Salam International Centre for Theoretical Physics	
5	2015-2019	Research Fellowship	Local	De La Salle University	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

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Field-2	: Statistics and Data Science
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ID Orcid	: 0000-0002-2967-344X
ID Google Scholar	: Nsj9QAAAAJ&hl=en&oi=ao
h- index Scopus	: 3

Short Biography

Dr. May Anne E. Mata obtained her Bachelor of Science degree in Applied Mathematics (major in Operations Research) at the University of the Philippines (UP) Mindanao (Davao) where she graduated *cum laude*, a Best Special Problem awardee and a class valedictorian in 2007. In 2011, she was awarded a Master of Science degree in Applied Mathematics at the University of Washington (Seattle) as a fellow under Ford Foundation International Fellowship Program. She then started her journey in

modeling biological systems as a PhD Mathematics student at the University of British Columbia (UBC) Vancouver under the supervision of Dr. Leah EdelsteinKeshet, where she gained a two-year research experience on mathematical modelling with biochemical motifs, and analysis and simulations of intracellular actin waves using differential equations. She continued her doctoral study in UBC Okanagan and, in 2017, she was conferred a PhD degree in Interdisciplinary Studies (theme: mathematical biology) with a dissertation entitled "Avian influenza epidemic recurrence and approximate stochastic models".

At present, she is serving as a tenured associate professor of applied mathematics and chairperson in the Department of Mathematics, Physics, and Computer Science at the University of the Philippines Mindanao. This year she was awarded the *Gawad Chanselor sa Pinakamahusay na Guro for Senior category (Chancellor's award for being the best professor in UP Mindanao)* in the same institution. She has also been actively involved in various government-funded research projects as a project and study leader and recently been appointed as fellow in UP Resilience Institute.

Dr. Mata is the program leader of the Department of Science Technology Niche Center for R&D (NICER) in Applied Modeling, Data Analytics, and Bioinformatics for Decision Support Systems in Health. In terms of extension services, Dr. Mata is leading the Interdisciplinary Applied Modeling team in UP Mindanao in providing technical assistance to the Department of Health in Region XI (DOH XI) and is a member of the DOH XI Regional Adverse Event following Immunization Review committee. Dr. Mata has also served as consultant for the development of a COVID-19 game entitled, "In the Time of Pandemia". She also served as chair in organizing the 4th International Workshop on Mathematical Biology (virtual meeting) held last June 9-11, 2021.

Outside the academe, Dr. Mata enjoys traveling with family and friends, mentoring, ministering, watching sci-fi movies, playing video games, and making music. She was a local rap artist and was known for her hit-maker original Visayan rap song entitled "Gugmang Uros-Uros" way back in 2004. Her rap theme has changed, however, and she is now interested in making songs/raps that promote health, wellness, and faith-based upliftment.

Research and Publication

Professor Mata's has written papers in the theme of infectious disease modelling and other mathematical sciences. Her work has been used to support decisions of local policy makers in the area of health.

Her list of publication can be found on this link:
https://scholar.google.com/citations?hl=en&user=0_Nsj9QAAAAJ.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Integrating risk assessment and decision making methods in analyzing the dynamics of COVID-19 epidemics in Davao City, Mindanao island, Philippines	Logrosa, G., **Mata, M.A.,** Lachica, Z., Estana, L., and Hassall, M.	Risk Analysis, Wiley-Blackwell	The paper has recently been accepted. Article DOI: 10.1111/risa.13779
2	2020	A cointegration analysis of rabies cases and weather components in Davao City, Philippines from 2006 to 2017	Lachica, Z., Peralta, J., Diamante, E., Murao, L., **Mata, M.A.,** and Alviola, PAA	PLoS one, Public Library of Science	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0236278
3	2019	Random fluctuations around a stable limit cycle in a stochastic system with parametric forcing	**Mata, M.A.,** Tyson, R.C., and Greenwood, P.	Journal of mathematical biology, Springer Berlin Heidelberg	https://link.springer.com/article/10.1007/s00285-019-01423-7
4	2018	The relative contribution of direct and environmental transmission routes in stochastic avian flu epidemic recurrence: An approximate analysis	**Mata, M.A.,** Greenwood, P. and Tyson, R.C.	Bulletin of Mathematical Biology, Springer Berlin Heidelberg	https://link.springer.com/article/10.1007/s11538-018-0414-6

5	2015	Local perturbation analysis: A computational tool for biophysical reactiondiffusion models	Holmes, W., **Mata, M.A.,** and Keshet, L.	Biophysical journal, Cell Press	https://www.sciencedirect.com/science/article/pii/S0006349514046700

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	Feb 2020-June 2021	Chairperson	International Workshop on Mathematical Biology Organizing Committee	https://sites.google.com/up.edu.ph/iwomb2021/organizing-committee?authuser=0
2	Jan 2021now	Chairperson	Department of Mathematics, Physics, and Computer Science, UP Mindanao	https://dmpcs.upmin.edu.ph/faculty-staff
3	2019-now	Associate member	Philippine-American Academy of Science and Engineering	https://www.paase.org/
4	May 2020now	Technical expert	Philippine COVID-19 Vaccine Discussion Group	https://www.usacfi.net/covid-19vaccine.html
5	2011-now	Member	Society for Mathematical Biology	https://www.smb2021.org/
6	2010-2011	Student Member	Society for Industrial and Applied Mathematics	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2021	Gawad Chancellor Award sa Pinakamahusay na Guro (Senior category)	Local	UP Mindanao	
2	2018now	International Publication Awards	National	UP System	
3	2021now	Niche Center in the Regions for R&D (NICER) research grant	National	Department of Science and Technology	
4	2018-2020	Discovery-Applied Research and Extension for Trans/Interdisciplinary Opportunities Research Grant	National	Commission on Higher Education	
5	2019-2021	One UP Professorial Chair and Faculty Grant Award	National	UP System	
6	2017-2019	Grants-in-Aid Research Grant	National	Commission on Higher Education	
7	2013-2015	University Graduate Fellowship Award	International	University of British Columbia	
8	2009-2010	Graduate study award	International	Ford Foundation International Fellowship Program	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

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Field-2	: Infinite Abelian Groups, Ring and Module Theory
ID Scopus	: 6507879949
ID Orcid	: 0000-0001-7269-5110
Google Scholar h-index	: 9
Scopus h-index	: 6

Short Biography

Born on 02 June 1965, Agnes Paras is Professor of Mathematics at the Institute of Mathematics, College of Science, University of the Philippines Diliman (UPD).

She completed her BS and MS Mathematics degrees at the University of the Philippines Diliman and PhD Mathematics degree at the University of Wesleyan, Connecticut, USA in 1993 under the supervision of James Reid. Her dissertation was on Aspects of Abelian Groups as Modules over their Endomorphism Rings. She resumed teaching at the University of the Philippines Diliman in 1993. Under a DAAD grant, she later completed two years of post-doctoral research at the University of Essen, Germany under Rudiger Göbel through a DAAD scholarship.

Dr. Paras is one of the leading algebraists in the country. She started her research in infinite abelian groups, and ring and module theory. She eventually shifted her focus to matrix analysis, an area combining matrix theory and complex analysis, concentrating on the algebraic aspects of matrix theory. She is the current Head of the Matrix Analysis and Linear Algebra Academic Group at her Institute.

Professor Paras received the Research Achievement Award from the National Research Council of the Philippines in 2008 and the Outstanding Young Scientist Award from the National Academy of Science and Technology (Philippines) in 2003. She was an invited speaker at the 2009 Asian Mathematical Conference in Kuala Lumpur. In 2020, she assumed the post of Editor-in-Chief of the Matimyas Matematika: the Official Journal of Mathematical Society of the Philippines, after serving for many years on the Editorial Board.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2000	Outer automorphism groups of metabelian groups	R Göbel, AT Paras	Journal of Pure and Applied Algebra 149 (3), 251-266	https://doi.org/10.1016/S0 022-4049(99)00022-5
2	2007	Skew-coninvolutory matrices	MNM Abara, DI Merino, AT Paras	Linear algebra and its applications 426 (2-3), 540-557	https://doi.org/10.1016/j.la a.2007.05.037
3	2002	Splitting off free summands of torsionfree modules over complete DVRs	R Göbel, AT Paras	Glasgow Mathematical Journal 44 (2), 349-351	https://doi.org/10.1017/S0 017089502020177

4	2010	The φS polar decompositio n of matrices	RJ De la Cruz, DI Merino, AT Paras	Linear algebra and its applications 432 (5), 1165-1175	https://doi.org/10.10 16/j.la a.2010.09.001
5	2003	Fully transitive $p$groups with finite first Ulm subgroup	A Paras, L Strüngmann	Proceedings of the American Mathematical Society 131 (2), 371-377	https://doi.org/10.10 90/S0 002-9939-02-06593-0

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	From 2020	Editor-in-Chief, Matimyas Matematika (the Official Journal of the Mathematical Society of the Philippines)	Mathematical Society of the	http://mathsociety. ph/matimyas/
2	From 2011	Head, Matrix Analysis and Linear Algebra Academic Group	Institute of Mathematics, University of the Phippines Diliman	https://math.upd.e du.ph/?p=937
3	2016	Organizer, SEAMS School Diliman on Matrix Analysis and Applications	Institute of Mathematics, University of the Phippines Diliman	http://www.seamsmath.org/ index.ph p?option=com_con tent&view=article&i d=67:seams2016matrix-analysis&catid=47 &Itemid=101
4	2007 - 2009	Deputy Director for Facilities and Resources	Institute of Mathematics, University of the Phippines Diliman	

The best five awards

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2013	*Gawad Tsanselor para sa Natatanging Guro* (Chancellor's Award for Most Outstanding Faculty Member)	Local	University of the Philippines Diliman	
2	From 2011	UP Scientist Designation	Local	University of the Philippines System	
3	2008	Research Achievement Award (Mathematical Sciences)	National	National Research Council of the Philippines	
4	2004	NAST-Third World Academy of Sciences Science Prize (Mathematics)	International	Third World Academy of Sciences and National Academy of Science and Technology (Philippines)	
5	2003	Outstanding Young Scientist (Mathematics)	National	National Academy of Science and Technology (Philippines)	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

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Field-1	: Algebraic Combinatorics
Field-2	: Geometric Combinatorics
ID Scopus	: 6603357704
ID Orcid	:
ID Google Scholar	: udHg454AAAAJ&hl=en
h- index Scopus	: 6

Short Biography

Dr. Arlene A. Pascasio is a Full Professor of Mathematics at De La Salle University. She obtained her PhD in Mathematics at University of the Philippines in 1991 under a government scholarship program. Her dissertation research on inherited arcs and derived conics in Hall planes of odd order was conducted at the University of Western Australia under the supervision of Dr.

Christine O'Keefe. From geometry, she developed an interest in algebraic combinatorics. She became an Honorary Fellow at the University of Wisconsin in Madison in 1996-1997 for a postdoctoral training under the mentorship of Professor Paul Terwilliger.

Dr. Pascasio studies distance-regular graphs using algebraic tools such as tridiagonal pair, Terwilliger algebra and tetrahedron algebra. Dr. Pascasio was recipient of the 2001 National Research Council of the Philippines Achievement Award in the Mathematical Sciences Division.

She served as Chair of the Mathematics Department (1993-1995), Dean of the College of Science (2012-2015), and Head of the Society of University Fellows (2018-2020). Her recent community engagement includes serving as Department of Education Consultant in Mathematics, Curriculum Development for a Unified Science Program in the Philippines (2017 – present), Mathematics Consultant, Philippine Science High School System Test Item Development for Readiness Exam and National Competitive Examination (since 2016), Member of the Technical Panel, Mathematics-Teachers'-Association-of- the-PhilippinesMetrobank-Department-of-Education Math Challenge (since 2015). She served as member of the Mathematical Society of the Philippines for two terms, and currently co-editor of its official journal, Matimyas Matematika.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2014	An action of the tetrahedron algebra on the standard module for the Hamming graphs and Doob graphs	Morales, J.V.S and Pascasio, A.A.	Graphs Combin. 30, pp 15131527	https://doi.org/10.37236/4925]. This is the link of the survey paper by [Edwin R. van Dam, Jack H. Koolen and Hajime Tanaka, *Distanceregular graphs*, **The Electronic Journal of Combinatorics** (2016) which discussed the results in these 5 papers in proper context and how
2	2008	A characterization of Q-polynomial distance-regular graphs	Pascasio, A.A.	Discrete Math. 308 pp 3090-3096	
3	2003	An inequality in character algebras	Pascasio, A.A.	Discrete Math. 264 pp 201-209	
4	2002	On the multiplicities of the primitive	Pascasio, A.A.	European J. Combinatorics 23, pp 1073-	

		idempotents of a Q-polynomial distance-regular graph		1078	these contributed in expanding knowledge in algebraic combinatorics.
5	1999	Tight graphs and their primitive idempotents	Pascasio, A.A.	J. Algebraic Combin 10, pp 47-59.	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2012-2015	Dean of the College of Science	De La Salle University	
2	2017- present	Co-editor, Matimyas Matematika	Mathematical Society of the Philippines	
3	2018-2020	Head, Society of University Fellows	De La Salle University	
4	2010	Chair, 2010 Annual Convention	Mathematical Society of the Philippines	
5	2009-2015, 2017-2021	Member of the National Board	Mathematical Society of the Philippines	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2001	Achievement Award in the Mathematical Science Division	National	National Research Council of the Philippines	
2	2013	Visiting Professor	International	University of Primorska, Slovenia	

3	1996-1997	Honorary Fellow	International	University of Wisconsin, Madison USA	
4	1995 and 1993	Exchange Scientist Kyoto University (1995) Osaka Kyoiku University (1993)	International	Japan Society for the Promotion of Science and Technology	
5	1992	Study Visitor University of Adelaide (1992)	International	International Development Program of Australian Universities and Colleges	
6	1990	Credit-Earning Training Visit University of Western Australia	International	International Development Program of Australian Universities and Colleges	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

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Field-2	: Partial Differential Equations
ID Scopus	: 8974876300
ID Orcid	: 0000-0001-5649-9750
ID Google Scholar	: KyhhW8EAAAAJ&hl=en
h- index Scopus	: 4

Short Biography

Born on 21 February 1968, Carlene Pilar-Arceo is a Professor of Mathematics at the Institute of Mathematics, College of Science, University of the Philippines Diliman (UPD). She joined UPD in 1988 and completed her MS Applied Mathematics and PhD Mathematics degrees there, aided by a 2-year research stint at Waseda University in Tokyo, Japan, for her dissertation, *On a Parabolic Equation with Singularity on the Boundary*. Her current research interests include mathematical modeling, optimization and mathematics education. She heads the Modeling and Applications academic group of the Institute.

Professor Arceo is a two-time recipient of their University's Outstanding Teacher Award (*Gawad Tsanselor Natatanging Guro 1993, 2004)*. She has also been awarded research and scholarship grants from Monbusho and the

Department of Science and Technology as well as professorial chairs and faculty grants from their University. A recent paper she co-authored was chosen as an Outstanding Scientific Paper (202) by the National Academy of Science and Technology. Aside from publishing scientific papers, Professor Arceo has also published several popular math articles and co-authored a series of math textbooks for high school and elementary students. She also actively participates in extension work nationwide and in the ASEAN Region.

Professor Arceo has also held a string of administrative positions, including a just-completed her term as the Director of the Institute of Mathematics, before which she was the Director of the General Education Center Diliman. Currently, she is the Director of the Office of International Linkages Diliman, a member of the National Board of the Mathematical Society of the Philippines, and the Philippine representative to the International Commission on Mathematical Instruction of the International Mathematical Union.

Research and Publication

Published work of Professor Arceo includes papers on partial differential equations, nature-inspired optimization, mathematical modelling, particularly on epidemics, biochemical systems, and chemical reaction networks. They may be accessed through the various IDs listed above.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	*An Edge-Based Model of SEIR Epidemics on Static Random Networks*	CP Arceo, CP Alota and AA de los Reyes V	Bulletin of Mathematical Biology	https://link.springer.com/article/10.1007/s11538-020-00769-0
2	2019	*Chemical Reaction Networks: Filipino contributions to their theory and its applications*	CP Arceo, EC Jose, AR Lao and ER Mendoza	Philippine Journal of Science	https://philjournalsci.dost.gov.ph/87-vol148-no-2-june2019/980

3	2019	*Structural Stability Analysis of Models of Dopamine Synthesis and D1 Receptor Trafficking in RPT Cells using CRNT*	CP Arceo, PVN Lubenia, ER Mendoza and JJS Villar	Philippine Journal of Science	https://philjournalsci.dost.gov.ph/vol-148no-3-september-2019/1104
4	2018	*Positive Equilibria of a Class of Power-Law Kinetics*	CP Arceo, DASJ Talabis and ER Mendoza	Journal of Mathematical Chemistry	https://link.springer.com/article/10.1007/s10910-017-0804-2
5	2015	*Chemical Reaction Network Approaches to Biochemical Systems Theory*	CP Arceo, EC Jose, A Marin-Sanguino and ER Mendoza	Mathematical Biosciences	`https://www.sciencedirect.com/science/article/abs/pii/S0025556415001765

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020	Country Representative	International Commission on Mathematical Instruction, International Mathematical Union	
2	2019present	Member, National Board	Mathematical Society of the Philippines	
3	2018-2021	Director	Institute of Mathematics, College of Science, University of the Philippines Diliman	

4	2016-2017	Director	General Education Center, Office of the Vice Chancellor for Academic Affairs, University of the Philippines Diliman	
5	2014-2019	Member, International Scientific Committee (Co-Chair, International Organizing Committee, 2015-2017)	International Conference on Mathematics and Science/Mathematics Education in Developing Countries	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020	Outstanding Scientific Paper	National	National Academy of Science and Technology	
2	20202021 and 2012-2013	Enhanced Creative Work and Research Grant	Local	University of the Philippines System	
3	20192021 and 2016-2018	One UP Professorial Chair Award in Mathematics for Outstanding Research and Public Service	Local	University of the Philippines System	

4	2004 1993	Outstanding Teacher Award (Assistant Professor) Outstanding Teacher Award (Instructor)	Local	University of the Philippines Diliman	
5	1997-1999	Monbukagakusho Research Scholarship	International	Japanese Government	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: PHILIPPINES

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Field-1	: Partial Differential Equations
Field-2	: Spectral Theory of Ordinary Differential Equations
ID Scopus	: 35303188500
ID Orcid	: -
Scopus h-index	: 3

Short Biography

Dr. Roque, born in San Fernando, Pampanga on June 3, 1965, has been teaching in the University of the Philippines since 1989. Her research interests are in the areas of ordinary and partial differential equations, mathematical modeling and applications. She obtained her undergraduate, master's and doctoral degrees in mathematics from the University of the Philippines. Her PhD program was completed under a sandwich program at the University of Essen, Germany under the supervision of Bernd Schultze.

Her publications include two graduate textbooks in partial differential equations co-authored with two renowned international experts. The book is now being used in the country and in universities in France and Italy. She has successfully mentored numerous students at all levels, several of whom have finished their PhDs and are now productive

researchers themselves. She has held visiting professor and visiting researcher positions in universities in Japan, Germany and France.

She has occupied key positions in research and professional organizations here and abroad. These include election as member of the Executive Committee of the international research agency *Centre International de Mathématiques Pures et Apliquées* (CIMPA) and President of the Mathematical Society of the Philippines. She has also served two terms as Director of the Institute of Mathematics, UP Diliman. She is currently the Associate Dean for Facilities and Resource Management at the College of Science of UP Diliman. She has also served as Associate Dean for Student and Public Affairs. Dr. Roque is active in fostering international linkages especially in Taiwan and in Europe, and has coordinated two Erasmus Mundus programs. She has also been active in extension work, particularly teacher-training programs.

She has received various awards such as the UP Scientist I award, in recognition of her excellent research outputs, and the Gawad Chanselor (Natatanging Guro) from UP Diliman – the most prestigious faculty award that is given for over-all excellence in teaching, research and extension/service to the university and the country. The National Research Council of the Philippines bestowed on her the Achievement Award (for Mathematical Sciences) for her lifetime contributions to research. Dr. Roque has also twice received the Outstanding Publication Award from the National Academy of Science and Technology.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2018	An Introduction to Second Order Partial Differential Equations	Doina Cionarescu, Patrizia Donato and Marian Roque	World Scientific Publishing Co. Pte	https://www.worldscientific.com/worldscibooks/10.1142/10686
2	2012	Introduction to Classical and Variational Partial Differential Equations	Doina Cionarescu, Patrizia Donato and Marian Roque	University of the Philippines Press	https://www.researchgate.net/publication/281209550_Introduction_to_classical_and_variational_partial_differential_equations
3	2012	On the unique solvability of certain nonsingular	JEC Lope, MP Roque and H Tahara	Zeitschrift für Analysis und ihre Anwendungen	https://do.org/10.4171 /ZA A/1461

		partial differential equations			
4	2011	On the deficiency index of even order symmetric differential expressions with essential spectrum	MP Roque and B Schultze	Mathematische Nachrichten	DOI: https://doi.org/10.1002/mana.200810141
5	2009	Non limit-point differential expressions with essential spectrum	MP Roque and B Schultze	Taiwanese Journal of Mathematics	https://doi.org/10.11650/twjm/1500405454

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	From 2018	Associate Dean for Facilities and Resource Management	College of Science, Unversity of the Philippines Diliman	https://science.upd.edu.ph/
2	2016-2018	President	Mathematical Society of the Philippines	http://mathsociety.ph/
3	2014-2018	Member, Executive Committee	International Center for Pure and Applied Mathematics (CIMPA)	https://www.cimpa.info/
4	2011-2017	Director	Institute of Mathematics, UP Diliman	https://math.upd.e du.ph/

5	2006-2011	Associate Dean for Student and Public Affairs	College of Science, University of the Philippines Diliman	https://science.upd.edu.ph/

The best five awards

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2015	Research Achievement Award (Mathematical Sciences)	National	National Research Council of the Philippines	
2	2014-2016	UP Scientist Designation	Local	University of the Philippines System	
3	2012	*Gawad Tsanselor para sa Natatanging Guro* (Chancellor's Award for Most Outstanding Faculty Member)	Local	University of the Philippines Diliman	
4	2015,	Outstanding Scientific Paper Awards	National	National Academy of Science and Technology (Philippines)	
5	1998-1999	Post-doctoral Fellowship, Waseda University, Japan	International	Japan Society for the Promotion of Science (JSPS)	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: PHILIPPINES

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Field-1	: Algebra
Field-2	: Hyperstructure Theory
ID Scopus	: 56104482800
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ID Google Scholar	: DWtbBWYAAAAJ
h- index Scopus	: 3

Short Biography

Jocelyn Paradero Vilela is a Professor of Mathematics at the Department of Mathematics and Statistics, College of Science and Mathematics, MSU-Iligan Institute of Technology, Mindanao, Philippines since 1997. She was born in Bansarvil, Kapatagan, Lanao del Norte on July 26, 1975. She got a Ph.D. degree in Mathematics at the University of the Philippines, Diliman, Quezon City in the Philippines in the year 2005 with the Ph.D. thesis entitled On Quasi-Regular Torsion-free Modules. Sixteen years after her Ph.D., she handles algebra related graduate courses, supervises

graduate thesis and dissertation and do research in hyperstructure theory. She also collaborated with Prof. Bijan Davvaz of Yazd University, Iran, Prof Rozbeh Hazrat of Western Sydney University, Australia and Prof. Wolfgang Bock of University of Kaiserlautern, Germany in advising some of her research students.

Professor Vilela availed of the Department of Science and Technology-PCASTRD and Jose Maria Feliciano Foundation Scholarships during her PhD studies and availed several CIMPA School grants. Her dissertation also was one of the two finalist in the 2005 DOST Best Dissertation Award in Mathematics. She is also a consistent faculty research awardee in her institution, MSU-IIT. As of this year, she has published 32 papers in an International/National Refereed Journal of Mathematics. She served as scientific paper reviewer of some international journals such as the Italian Journal of Pure and Applied Mathematics, European Journal of Pure and Applied Mathematics, Afrika Matematika, and Computational and Applied Mathematics; and also national journals such as Asia-Pacific Journal of Science, Mathematics and Engineering of MSU_IIT, Surigao del Sur State University Multidisciplinary Research Journal, PRISM Journal of NORSU, and Journal of Multidisciplinary Studies of Misamis University, She is also an external examiner of Ph.D. defense at Negros Oriental State University, Dumaguete City and University of Science and Technology of Southern Philippines, Cagayan de Oro City.

Prof. Vilela also has experiences in the organization as the Chairperson of the Department of Mathematics and Statistics, CSM, MSU-Iligan Institute of Technology in 2013-2015, member of the Mindanao State University System Curriculum Committee, and is currently the Acting Institute Registrar since June 2019. For the mathematical society, Prof. Vilela was the treasurer of the Mathematical Society of the Philippines Regions 10, 12 & ARMM in 2008-2019 and a Mathematical Olympiad Coordinator for Regions 10, 12 & ARMM in 20102013. She also served as Commission on Higher Education National Trainer in Mathematics for STEM Education Program in 2017.

Research and Publication

Professor Vilela's research is on Algebra and Hyperstructure Theory. Her mathematical works have been published in national and international journals.

Her list of Publications can be found at:

https://scholar.google.com/citations?authuser=1&user=DWtbBWYAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Inverse Limit of an Inverse System of BEalgebra	Jimboy Albaracin and Jocelyn Vilela	European Journal of Pure and Applied Mathematics, Vol 14, No. 2, 423-430	https://www.ejpam.com/index.php/ejpam/article/view/3966
2	2020	Free Commutative Balgebras	Alfilgen Sebandal and Jocelyn Vilela	Italian Journal of Pure and Applied Mathematics, N.44, 208-223	https://ijpam.uniud.it/online_issue/2020 44 /19%20Sebandal-Vilela.pdf
3	2020	On B-ideals in a Topological Balgebra	Katrina Belleza and Jocelyn Vilela	European Journal of Pure and Applied Mathematics, Vol 13, No. 4, 830839.	https://www.ejpam.com/index.php/ejpam/article/view/3807
4	2019	Fuzzy Order Relative to Fuzzy B-algebras	Narciso Gonzaga and Jocelyn Vilela	Italian Journal of Pure and Applied Mathematics, N.42, 485-493.	https://ijpam.uniud.it/online_issue/2019 42 /42%20Gonzaga-MS-Vilela.pdf
5	2019	Topology on BEalgebra Induced by Right Application of BEordering	Jimboy Albaracin and Jocelyn Vilela	European Journal of Pure and Applied Mathematics, Vol 12, No. 4,15841594.	https://www.ejpam.com/index.php/ejpam/article/view/3548

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019present	Institute Registrar	MSU-IIT	https://www.msuiit.edu.ph/offices/registrar/index.php
2	2013-2015	Chairperson	Department of Mathematics and Statistics, MSU-IIT	https://www.msuiit.edu.ph/academics/colleges/cs m/programs/math-statistics/index.php
3	2008-2019	Treasurer	Mathematical Society of the Philippines Regions 10, 12 & ARMM (currently & BARMM)	https://www.facebook.com/search/top?q=msp%2 0 regions%2010%2C 12 %20%26%20armm
4	2010-2013	Regional Coordinator	Philippine Mathematical Olympiad	https://pmo.ph/
5	2019present	Member	Mindanao State University System Curriculum Committee	None

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2019	College Faculty Research Awardee	Local	MSU-IIT	https://www.msuiit.edu.ph/news/newsdetail.php?id=1252
2	2018-2019	Research Program in Graph Theory, Algebra and Analysis	Local	MSU-IIT	https://www.msuiit.edu.ph/prism/researches/index.php

3	2018	CIMPA-Muizenberg Travel Grant	International	CIMPA	https://www.cimpa.info/en/node/5846?fbclid=IwAR3zat469BfeRmvqOx6Q8NEjMlN2VrcPMlHEalWUwXlLkTy9zFQJOKYXjO4
4	2017	Niigata University Travel Grant	International	Niigata University, Japan	http://mathweb.sc.niigata-u.ac.jp/~hoshi/NiigataAlgebraSeminar-j.html (in Japanese).
5	2014	International Congress of Mathematicians NANUM Travel Grant	International	ICM 2014	https://viasm.edu.vn/en/scientificactivities/news-andevents/detail/icm-2014-invitationprogram-nanum-2014

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: PHILIPPINES

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Field-2	:	Curriculum
ID Scopus	:	55860545800
ID Orcid	:	https://orcid.org/0000-0001-8082-2247
ID Google Scholar	:	AZkCLPEAAAAJ&hl=en
h- index Scopus	:	3

Short Biography

Dr. Catherine P. Vistro-Yu is a professor and the Program Coordinator for Mathematics Education at the Department of Mathematics, School of Science and Engineering of the Loyola Schools, Ateneo de Manila University, Quezon City, Philippines. She has been influential in the design and implementation of the Master of Science in Mathematics Education and the Doctor of Philosophy in Mathematics Education degree programs offered in her department. Armed with her advanced degrees from The University of Georgia, USA (MEd in 1987 and EdD in 1991), Prof. Vistro-Yu has been teaching at the Ateneo's Department of Mathematics, since coming back from the USA in 1991.

Prof. Vistro-Yu is a prominent Mathematics Education expert in her country and is one of the well-known Asian woman mathematics educators, internationally. She broke the proverbial glass ceiling when she was elected to the Executive Committee of the International Commission on Mathematical Instruction (ICMI) in 2012 for a four-year term from January 2013 to December 2016. She was the first Philippine woman and only the second Philippine mathematics educator to be elected to the highest decision making body for international mathematics education matters. She served as the ICMI country representative from 2008 to 2016, extending her term to 2020 while waiting for a replacement. In 2015, she was the Chair of the 7th ICMI-East Asia Regional Conference on Mathematics Education (EARCOME 7) held in Cebu, Philippines. EARCOME is the conference series on mathematics education that evolved from the South East Asia Conference on Mathematics Education (SEACME) organized by the South East Asia Mathematical Society (SEAMS) from 1978 – 2002.

Recognized for her pioneering efforts in Philippine mathematics education, Prof. Vistro-Yu was awarded as one of The Outstanding Women in the Nation's Service in 2007. She was chair of the First Mathematics Teacher Education Conference in 1995, which drew more than 500 participants from all regions in the country. In 1996, Prof. Vistro-Yu and other like-minded mathematics educators in the Philippines formed the professional organization Philippine Council of Mathematics Teacher Educators (MATHTED), Inc., which has been at the forefront in initiating and implementing significant reforms in mathematics education, and specifically in mathematics teacher education. She was one of the first module writers for the PhD in Mathematics Education program offered by the University of the Philippines Open University. Prof. Vistro-Yu's most cited pioneering work was directing the project "Philippine Mathematics Framework for Basic (K-10) and

Teacher Education Levels" for MATHTED and the Philippines' Department of Science and Technology Science Education Institute. This project produced two important documents that have guided mathematics teachers and teacher educators and have influenced educational policy makers at the national level. These were the Mathematics Framework for Philippine Basic Education and the Philippine Mathematics Teacher Education Framework, both published in 2011.

Prof. Vistro-Yu was instrumental in her department's recognition and eventual acceptance of mathematics education as an academic field deserving of respect and worthy of engagement equal to the field of mathematics. the work of an educator is not confined to the classroom. Prof. Vistro-Yu is also known and loved by the Ateneo's Department of Mathematics as an outstanding teacher, an inspiring mentor to younger mathematics teachers, helping set the research agenda for the Mathematics Education Research Group and giving workshops and tips on teaching strategies and assessment to less experienced teachers, as a fun-loving colleague and as an equally committed mother to her two daughters and wife to her husband. For Prof. Vistro-Yu, being a mentor has always meant "being present to your students in their educational journey." She has always believed that a teacher's availability to her students outside the

classroom, be it for consultations, extra teaching sessions, or heart-to-heart talks, plays a huge role in effective mentoring.

Research and Publication

Prof. Catherine P. Vistro-Yu's most important scholarly publications are mostly chapters in themed-books: (1) D. M. B. Verzosa and C. P. Vistro-Yu, "Prospects and Challenges in Implementing a New Curriculum in the Philippines", In: Vistro-Yu C., Toh T. (Eds) School Mathematics Curricula. Mathematics Education: An Asian Perspective. Springer, Singapore, 2019, 207-226, International; (2) Verzosa, D., Tulao-Fernando, M. T., & Vistro-Yu, C. P. (2017). Congruence between context and opportunities for professional development of mathematics teachers in the Philippines. In B. Kaur, Kwon, O. N., & Leong, Y. H. (Eds.), Professional Development of Mathematics

Teachers, An Asian Perspective, pp. 89 – 96. Singapore: Springer; (3) VistroYu, C. P. (2009). Using Innovation Techniques to Generate 'New' Problems. In B. Kaur, B Yeap, & M. Kapur (Eds.), Mathematical Problem Solving Yearbook 2009, 185 – 207. Singapore: World Scientific; (4) Vistro-Yu, C. P. & Villena-Diaz, R. (2009). Teachers' Beliefs, Instructional Practices, and Culture: Understanding Effective Mathematics in the Philippines. In J. Cai, G. Kaiser, B. Perry & N. Wong (Eds.), Effective Mathematics Teaching from Teachers' Perspectives: National and Cross-National Studies , 183 - 202. Netherlands: Sense Publishers; (5) Vistro-Yu, C. P. & Irwin, K. C. (2007). The benefits and challenges for social justice in international exchanges in mathematics and science education. In B. Atweh, A. Calabrese Barton, M. Borba, N. Gough, C. Keitel, C. Vistro-Yu, R. Vithal (Eds.), Internationalisation and Globalisation in Mathematics and Science Education, 321 - 342. Netherlands: Springer; (6) Gates, P. & Vistro-Yu, C. (2003). Is mathematics for all? In A. J. Bishop, M. A. Clements, C. Keitel, J. Kilpatrick, & F. K. S. Leung (Eds.), Second international handbook of mathematics education, (pp. 31-73). Dordrecht: Kluwer Academic Publishers.

The book that Prof. Vistro-Yu edited with colleague Tin Lam Toh of Singapore, entitled *School Mathematics Curricula. Mathematics Education: An Asian Perspective* and published by Springer, Singapore in 2019 has been especially recognized by her university.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2013	Cross-national studies on the teaching and learning of mathematics: where do we go from here?	Catherine P. Vistro-Yu	ZDM/SpringerVerlag	https://link.springer.com/article/10.1007/s11858-013-0488-4

2	2019	School mathematics curricula: Asian perspectives and glimpses of reform	Catherine P. Vistro-Yu and Tin Lam Toh (Eds.)	Book/Springer Singapore	https://link.springer.com/book/10.1007%2F978-981-13-6312-2
3	2019	Prospects and challenges in implementing a new mathematics curriculum in the Philippines	Debbie Marie B. Verzosa and Catherine P. Vistro-Yu	Chapter in School mathematics curricula: Asian perspectives and glimpses of reform, pp. 207226/Springer Singapore	https://link.springer.com/chapter/10.1007/978-981-13-6312-2_11
4	2003	Is Mathematics for All?	Peter Gates and Catherine P. Vistro-Yu	Chapter in Second international handbook of mathematics education, 31-73/ Springer, Dordrecht	https://link.springer.com/chapter/10.1007/978-94-0100273-8_3
5	2001	Elements of studentcentered learning	Rodolfo P Ang, Ma Celeste T Gonzalez, MEC Liwag, Benilda S Santos, Catherine P Vistro-Yu	Office of Research and Publications, Loyola Schools, Ateneo de Manila University	https://www. ateneo. edu/sites/default/files/Elements% 20of% 20Student% 20Centered% 20Learning_2012. pdf
6	2009	Using innovation techniques to generate 'new' problems	Catherine P. Vistro-Yu	Chapter in Mathematical problem Solving: Yearbook 2009, Association of Mathematics Educators, 185-207/World Scientific, Singapore	https://www.worldscientific.com/doi/abs/10.1142/9789814277228_0010

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	Jan 2013-Dec 2016	Member-at Large	International Commission on Mathematical Instruction (ICMI) Executive Committee	https://www.mathunion.org/icmi/organization/icmiexecutivecommittee/pasticmi-executivecommittees
2	2008-2020	Country Representative	International Commission on Mathematical Instruction (ICMI)	
3	2016-2021	Member	International Program Committee of the 14th International Congress on Mathematics Education	https://www.icme 14.org/static/en/news/14.html?v=1623824890329
4	2004-2008; 2019-2021	President	Philippine Council of Mathematics Teacher Educators (MATHTED), Inc.	http://mathted.weebly.com/contactus.html
5	2010-2015	Chair	7th East Asian Regional Conference on Mathematics Education (EARCOME 7)	https://www.mathunion.org/fileadmin/ICMI/Conferences/EARCOME7/committee.html

6	January 2012December 2014	President	The Outstanding Women in the Nation's Service (TOWNS) Foundation, Inc.	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2016	Outstanding Contribution to Mathematics Education Award	National	Philippine Council of Mathematics Teacher Educators (MATHTED), Inc.	
2	2012	Outstanding Teacher, Higher Education Category	National	Metrobank Foundation, Inc.	https://www.mbfoundation.org.ph/wpcontent/uploads/2021/05/Roster-ofAwardeesTeachers.pdf
3	2009	Citation: Excellent Researchers from Southeast Asia	International	SEA-EU-NET	https://seaeu.archiv.zsi.at/object/list@page=22.html pdf
4	2007	The Outstanding Women in the Nation's Service (TOWNS)	National	The Outstanding Women in the Nation's Service (TOWNS) Foundation, Inc.	
5	2010	Outstanding Senior Teacher	Local	Ateneo Schools Parents Council	

6	2009	Achievement Award	National	National Research Council of the Philippines	

For more details, please refer to https://ateneo.edu/ls/sose/sose/news/mathprof-2012-metrobank-foundation%E2%80%99s-outstanding-teacherawardee-higher-education.

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : SINGAPORE

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: SINGAPORE

Name	: Berinderjeet Kaur
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Phone/WA	: +65 97372950
Field-1	: Mathematics Education -Teaching and Leaning of Mathematics
Field-2	: Mathematics Education – School Mathematic Curriculum
ID Scopus	: Kaur Berinderjeet
h-index Scopus	: 8
ID Orcid	: 0000 0002 0667 0078
ID Google Scholar	: berinderjeet kaur
Google Scholar h-index	: 23

Short Biography

Berinderjeet Kaur is a professor of mathematics education at the Nanyang Technological University. She graduated with a PhD in mathematics education from Monash University (Australia) in 1995.For the past 32 years she has been involved in the education of mathematics teachers in Singapore and her work has also contributed towards the development of teachers internationally. She is a leading mathematics educator in Singapore

Research and Publication

Berinderjeet Kaur's research focusses on the teaching and learning of mathematics in grades 1-10 and the school mathematics curriculum. She has obtained research grants amounting to 6.8 million Singapore dollars for her research. She has delivered more than 60 keynote lectures. Amongst them are two outstanding ones, as they recognise her scholarship in mathematics edcuation. In 2016, Berinderjeet was the first Singaporean to have had the honour of delivering one of the four plenary lectures at the 13th International Congress of Mathematics Education organised by the ICMI. To date, only 52 mathematicians and mathematics educators from around the world have been invited to deliver plenary lectures at these congresses. In July 2021 she also delivered one of the four plenary lectures at the 44th conference of the International Group for the Psychology of Mathematics Education (PME).

Again, she was the first Singaporean to have had the honour to do so. Both ICME and PME are the cornerstone academic meetings of mathematics educators. Her publications appear both in national and international publications. She has edited 17 scholarly books and authored 79 book chapters, 65 journal papers, 85 conference papers published in proceedings. In addition, she has also contributed in numerous ways, such as workshops, seminars, consultancies towards the development of mathematics teachers in Singapore and elsewhere.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher
1	2021	Mathematics Instructional Practices in Singapore Secondary Schools	Kaur, B., & Leong, Y.H. (Eds.) 17 chapters	Springer
2	2019	Mathematics Education in Singapore	Toh, T.L., Kaur, B., & Tay, E.G. (Eds.) 21 chapters	Springer

3	2019	The why, what and how of the 'Model' method: A tool for representing and visualizing relationships when solving whole number arithmetic.	Kaur, B.	*ZDM Mathematics Education, 51*(1), 151-168.
4	2018	A study of school mathematics curriculum enacted by competent teachers in Singapore secondary schools	Kaur, B., Tay, E.G. Toh, T.L., Leong, Y.H. & Lee, N.H.	*Mathematics Education Research Journal, 30*(1), 103-116.
5	2017	Impact of the course Teaching and Learning of Mathematics on preservice grades 7 and 8 mathematics teachers in Singapore.	Kaur, B.	*ZDM Mathematics Education, 49*(2), 265-278.

The best five organization experiences

Number	Year	Position	Organization
1	2004 - 2010	President	Association of Mathematics Educators in Singapore
2	2009 - 2011	Mathematics Consultant	IEA – Trends in International Mathematics and Science Study (TIMSS) 2011
3	2012 - 2015	Mathematics Expert	OECD – Programme for International Student Assessment (PISA) 2015
4	2008 - 2016	Singapore's representative	International Commission of Mathematics Instruction
5	2020 - 2024	Vice-President Research	Mathematics Education Research Group of Australasia

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization
1	2006	Public Administration Medal	National	President of Singapore
2	2014	Distinguished Public Long Service Medal	National	President of Singapore
3	2004 2005 2019	Excellence in Teaching	Local	National Institute of Education
4	2018	Service to Education (Silver)	Local	Ministry of Education, Singapore
5	2020	Distinguished Long Service (30 years) to the University	Local	Nanyang Technological University

CURRICULUM VITAE WOMEN MATHEMATICIAN

COUNTRY : THAILAND

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Wanida HEMAKUL, MS.
Affiliation	: (retired professor since 2014) Department of Mathematics and Computer Science Faculty of Science, Chulalongkorn University PhayaThai Road, Bangkok 10330, Thailand
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e-mail	: hwanida@chula.ac.th, hewanida@gmail.com
Phone/WA	: +66816858044
Field-1	: Graph theory and Combinatorcs,
Field-2	: Hyperstructures, Boundary value problem of O.D.E.

Short Biography

I was born on 27 August 1949, Surat Thani in the South of Thailand.
I graduated B.Sc. (Mathematics, 1st class honor), Chulalongkorn University, 1970. I had started working as a lecturer there since 1971. I graduated M.Sc. (Mathematics), Chulalongkorn University, 1973. I was awarded a scholarship from Chulalongkorn University to further study in 1978 and I obtained Ph.D. (Mathematics), University of North Carolina, Chapel Hill, USA, 1983.

I had continued teaching and become an assistant professors, 2 years later an associate professor. In the old days, there were a small group of professor in Mathematics, so I was an Invited lecturer at Thammasart University, Thai Chamber of Commerce

University, Bangkok University, KingMongkut Institute of Technology at Ladkrabang, during 1986 – 2001.

I have been involving with Royal Institute Dictionary Committee in Mathematics and had published 1 dictionary (Thai version), Royal Institute since 1990.

I was served as a deputy department head in foreign affairs during 1990 – 2001. I was appointed as Department Head during 2002 – 2006. I was chair of the graduate program in mathematics, 2007 – 2009.

I was Director of the Centre for Promotion of Mathematical Research of Thailand under Mathematical Association of Thailand (CEPMART) during 1996-1997, 2000-2009, an honorary member of CEPMART since 2010. I was a council member of SEAMS (South East Asian Mathematical Society) council since 1996. I was appointed as Vice President of SEAMS, 1998-1999, 2002-2003. I was appointed as President of SEAMS, 2006-2007.

After retirement (2014) I have been involving with the following activities:

Invited speaker and International program committee of

-the 6^{th} - 10^{th} International Conferences on Science and Mathematics Education for Developing Countries, Mandalay University, Myanmar November 2013 – 2017.
-the 11^{th} and 12^{th} International Conference on Mathematics and Mathematics education for Developing Countries, the National University of Laos, Vientiane, Laos November 2018 – 2019.

Workshop leader

-for undergraduate students, the preconference workshop of the 7^{th} – 10^{th} International Conferences on Science and Mathematics Education for Developing Countries, Mandalay University, November 2014 – 2017. -for undergraduate students, graduate students and teachers the preconference workshop of the 11^{th} International conferences on Mathematics and Mathematics education for Developing Countries, the National University of Laos, Vientiane, November 2018, October 2019, respectively.

Others

-Join a panel discussion on "Sharing Problems of Female Mathematicians in South East Asian Countries" at the Asian Women Mathematicians Forum, Indonesia, July 26, 2016.

-Give a short talk on "the role of women Mathematicians in Thailand" at the South East Asian Women Mathematicians Meeting (SEAWM2), Yogyakarta, Indonesia, July 30, 2019.

Research and Publication

Research Interest

Graph Theory and Combinatorics and Hyperstructures

The best five recent publications in journals

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	Graphs with cyclomatic number three having panconnected square II	G.L. Chia, W. Hemakul, and S. Singhun	*AKCE Inter. J. of Graphs and Comb*. Vol.17, No.3 (2020), 911-914	
2	2017	Graphs with cyclomatic number three having panconnected square	G.L. Chia, W. Hemakul, and S. Singhun	*Discrete Maths. Algorithims and Applications,* Vol.9, No.5 (2017) 14 pages	
3	2011	Restricted simple 1-Designs	W. Hemakul, C. Moolsomb ut and D. Savarte	*JCMCC* 77 (2011), 217-226	
4	2011	Graphs with cyclomatic number two having panconnected square	G.L. Chia, W. Hemakul, and S. Singhun	*Discrete Math*. 311 (2011) 850-855	
5	2011	An embedding theorem for hyperintegral domains	S. Pianskool, Y. Punkla, W. Hemakul and Y. Kemprasit	*Sc. Annals "Al. I. Cuza"*, Univ. Iasi, LVII, 2011, f.1, 197-206	

The best five recent publications in books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2012	Unit 15 "Graphs and its applications" Mathematics for Teachers	W. Hemakul *et al.*	Sukhothai Thammathirat Open University Press	
2	2012	Unit 4 "Mathematical reasoning" Unit 13 "Relations and its properties" Mathematics for Information and Communication Technology	W. Hemakul *et al.*	Sukhothai Thammathirat Open University Press	
3	1995	"Art of basic counting" Thai Youth Encyclopedia no.19	W.Hemakul and Y. Pipitkul	Thai Youth Encyclopedia Project under the Intention of the King Rama 9th	
4	1987	Discrete Mathematics	W.Hemakul	Se-Ed publisher	
5	1985	The Qualitative Theory of Ordinary Differential Equations	W.Hemakul	department print	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	1996 present	council member	SEAMS	
2	2002-2006	Department Head	Department of Mathematics Faculty of Science Chulalongkorn University	
3	2006-2007	President	SEAMS	
4	2015 present	CDC Grant Selection Committee	IMU	
5	2018	Open Arm Traveling Support Selection Committee (Asia-Pacific), ICM 2018	IMU	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Jintana Sanwong
Academic position	: Professor
Institute	: Department of Mathematics, Faculty of Science Chian University
University Address	: 239 Huay Kaew Road, Mueang District, Chiang Mai, Thailand 50200

a. Pookpienlert, C., Honyam, P., Sanwong, J. Regularity of a semigroup of transformations with restricted range that preserves an equivalence relation and a cross-section (2020) Thai Journal of Mathematics, 18 (2), pp. 819-830.

b. Sangkhanan, K., Sanwong, J. Regularity and Green's relations on semigroups of transformations with restricted range that preserve an equivalence (2020) Semigroup Forum, 100 (2), pp. 568-584.

c. Chaiya, Y., Pookpienlert, C., Sanwong, J. Semigroups of linear transformations with fixed subspaces: Green's relations, ideals and finiteness conditions (2019) Asian-European Journal of Mathematics, 12 (4), art. no. 1950062.

d. Sangkhanan, K., Sanwong, J. Ranks and isomorphism theorems of semigroups of linear transformations with restricted range (2019) Semigroup Forum, 98 (3), pp. 456-471.

e. Dolinka, I., Đurđev, I., East, J., Honyam, P., Sangkhanan, K., Sanwong, J., Sommanee, W. Sandwich semigroups in locally small categories I: foundations (2018) Algebra Universalis, 79 (3), art. no. 75.

f. Dolinka, I., Đurđev, I., East, J., Honyam, P., Sangkhanan, K., Sanwong, J., Sommanee, W. Sandwich semigroups in locally small categories II: transformations (2018) Algebra Universalis, 79 (3), art. no. 76.

g. Pookpienlert, C., Honyam, P., Sanwong, J. Green's relations on a semigroup of transformations with restricted range that preserves an equivalence relation and a cross-section (2018) Mathematics, 6 (8), art. no. 134.

h. Billhardt, B., Chaiya, Y., Laysirikul, E., Nupo, N., Sanwong, J. A unifying approach to the Margolis–Meakin and Birget–rhodes group expansion (2018) Semigroup Forum, 96 (3), pp. 565-580.

i. Billhardt, B., Chaiya, Y., Laysirikul, E., Sangkhanan, K., Sanwong, J. On left quasi-ample semigroups with ΠL1-embeddable band of idempotents (2017) Communications in Algebra, 45 (11), pp. 5025-5035.

j. Billhardt, B., Sanwong, J., Sommanee, W. Some properties of Umar semigroups: Isomorphism theorems, ranks and maximal inverse subsemigroups (2017) Semigroup Forum, 96 (3), pp. 581-595.

k. Chaiya, Y., Honyam, P., Sanwong, J. Maximal subsemigroups and finiteness conditions on transformation semigroups with fixed sets (2017) Turkish Journal of Mathematics, 41 (1), pp. 43-54.

l. Billhardt, B., Laysirikul, E., Sangkhanan, K., Sanwong, J., Sommanee, W. On Runipotent semigroups with ΠL1-embeddable band of idempotents (2016) Semigroup Forum, 92 (1), pp. 228-241.

m. Chaiya, Y., Honyam, P., Sanwong, J. Natural Partial Orders on Transformation Semigroups with Fixed Sets (2016) International Journal of Mathematics and Mathematical Sciences, 2016, art. no. 2759090.

n. Sommanee, W., Sanwong, J. Order-preserving transformations with restricted range: regularity, Green's relations, and ideals (2015) Algebra Universalis, 74 (34), pp. 277-291.

o. Billhardt, B., Sangkhanan, K., Sanwong, J., Sommanee, W. On subsemigroups of direct powers of L1 (2015) Acta Mathematica Hungarica, 145 (1), pp. 26-45.

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Professor Dr Patanee Udomkavanich
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Field-1	: Algebra
Field-2	: Algebraic Coding Theory
ID Scopus	: 8426556500
ID Orcid	: https://orcid.org/0000-0002-2598-5200
ID Google Scholar	:
h- index Scopus	: 5

Short Biography

Patanee Udomkavanich is a professor in Algebra at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn, BANGKOK, THAILAND. She was born in Songkhla, Thailand in 1954. She started working at the Department of Mathematics and Computer Science (named Department of Mathematics at that time), Faculty of Science, Chulalongkorn University, Bangkok, Thailand in 1977 just right after she got her M.Sc. in Mathematics from Chulalongkorn University. After that, she got a scholarship from Chulalongkorn University to study and got a Ph.D. in Mathematics in 1985 from The

Pennsylvania State University, USA. Her research area is Algebra, especially semigroups and coding theory.

She has experiences in the department as a Deputy Head of the department for Academic Affairs, Committee member of M.Sc. Program and of Ph.D. Program in Mathematics. She is also an external examiner of Ph.D. and M.Sc. defense for many universities. In addition, she was also a consultant for M.Sc. Program and Ph.D. Program in Mathematics in many universities.

She also has had contribution in other organizations, for examples, The Mathematical Association of Thailand under The Patronage of His Majesty
The King as a committee member since 1993 and International Mathematics Olympiad Thailand.

Research and Publication

Professor Udomkavanich's research is Algebra, especially, algebraic semigroups and coding theory. Her mathematical works have been published in national and international journals and books.

Her list of Publications can be found at: https://math.sc.chula.ac.th/faculty/pattanee-u/

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Hulls of cyclic codes over Z4	S Jitman, E. Sangwisut and P. Udomkavanich	Discrete Mathematics, 343(1)(2020)	https://www.sciencedirect.com/science/article/pii/S0012365X19302833
2	2019	Self-conjugatereciprocal irreducible monic factors of xn − 1 over finite fields and their applications	A. Boripan, S. Jitman, and P. Udomkavanich	Finite Fields and their Applications, 55(2019), 78-96	https://www.sciencedirect.com/science/article/pii/S1071579718301114
3	2017	Determinants of matrices over commutative	P. Choosuwan, S. Jitman and	Finite Fields and their Applications, 48(2017), 126-140	https://www.sciencedirect.com/science/articl

		finite principal ideal rings	P. Udomkavanich		e/pii/S10715797 1730 0874
4	2017	Constacyclic and quasi-twisted hermitian selfdual codes over finite fields	E. Sangwisut, S. Jitman, and P. Udomkavanich	Advances in Mathematics of Communications, 11(3)(2017), 595-613	http://www.aims cienc es.org/article/doi /10.3 934/amc.201704 5
5	2015	Hulls of cyclic and negacyclic codes over finite fields	E. Sangwisut, S. Jitman, S. Ling, and P. Udomkavanich	Finite Fields and Their Applications, 33(2015), 232-257	https://mis.sci.ts u. ac.th/sciservice/ W ebSci/pdf_aca/2 0 19-03- 13_111445.pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021-now	President	The Mathematical Association of Thailand under The Patronage of His Majesty The King	https://www.math association.net/vi ew/home/page_n ews.php
2	1993-2021	Committee member	The Mathematical Association of Thailand under The Patronage of His Majesty The King	https://www.math association.net/vi ew/home/page_n ews.php
3	2001 - 2006	Committee member	Board of the Department of Mathematics and Computer Science	

4	1992-now	Sub-committee in charge of selection of contestants representing Thailand at the International Mathematics Olympiad	The Institute for the Promotion of Teaching Science and Technology (IPST)	
5	1995, 1999 and 2000	Thai Team Leader	IMO	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2007	Excellent Teaching Award: Ratchadaphiseksom phot Endowment Fund Year 2007	Local	Chulalongkorn University	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	:	Miss Apiradee Lim
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E-mail	:	apiradee.s@psu.ac.th
Phone/WA	:	+66 073-313928-45
Field-1	:	Statistical modeling for health and environmental science
Field-2	:	Data science
ID Scopus	:	7202659046
ID Orcid	:	0000-0002-7137-4101

Short Biography:

My current academic position is an Associate Professor of Statistics at Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus since 2005. I was born in Songkhla Province on December 3, 1969. I got a Ph.D. degree in Research Methodology, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus in the year 2009. My Ph.D. thesis entitle is "Statistical Methods for Modeling Incidence of Infectious Diseases Mortality and Length of Stay in Hospital for Patients Dying in Southern Thailand". Currently, my research interest is statistical modeling for public

health and environmental science including spatial-temporal analysis, time-series analysis, data science, machine learning.

Research and Publications:

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Factors associated with hospital mortality due to road traffic accidents among pedestrians in southern Thailand	Kraonual, S., Lim, A. and Thongpeth, W.	The Southeast Asian Journal of Tropical Medicine and Public Health	https://journal.seameotropmednetwork.org/index.php/jtropmed/
2	2020	Impacts of spatial heterogeneity patterns on longterm trends of Moderate Resolution Imaging Spectroradiometer (MODIS) land surface temperature time series	Wongsai, N, Wongsai, S., Lim, A., McNeil, D. and Huete, A.R.	Journal of Applied Remote Sensing	https://www.spiedigitallibrary.org/journals/journal-of-appliedremotesensing?SSO=1
3	2020	Determinants of severe injury and mortality from road traffic accidents among motorcycle and car users in Southern Thailand	Sae-Tae, N., Lim, A. and Dureh, N.	International Journal of Injury Control and Safety Promotion	https://www.tandfonline.com/toc/nics20/current

4	2019	Patient and injury characteristics associated with road traffic mortality in general hospitals in southern Thailand.	Kraonual, S., Lim, A., Ueranantasun , A. and Kakchapati, S.	Asian Biomedicine	https://sciendo.com/journal/ABM
5	2016	Data Manipulation, Graphics and Statistical Analysis Using R	Lim, A.	IQ Media Design	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2009	Researcher	Sekwa Eye Hospital, Beijing, China	http://sekwa.org/
2.	2012-2016	Vice Dean	Faculty of Science and Technology, Prince of Songkla University, Pattani Campus	https://www.sat.psu .ac.th/
5	2015-present	Curriculum Assessor	Prince of Songkla University	
6	2017-present	Member	Air Pollution and Health Effect Research Center, Prince of Songkla University	https://air.psu.ac.th/
7	2019-present	Associate Editor	Songklanakarin Journal of Science and Technology	https://rdo.psu.ac.th /sjstweb/

8	2020-present	Vice Dean	Faculty of Science and Technology, Prince of Songkla University, Pattani Campus	https://www.sat.psu.ac.th/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2009	Staff exchange grant	International	Epidemiology Unit, Faculty of Medicine, PSU under Fredskorpset South-South programmes from Norway	
2	2012	Academic Research Grant	National	Tobacco Control Research and Knowledge Management Center (TRC),	https://www.trc.or.th/th/
3	2020	Honorable Mention Award for Ph.D. dissertation	Local	Prince of Songkla University	https://grad.psu.ac.th/th/news/other/996thesisaward63.html
4	2020	Honor Certificate for Ph.D. dissertation	Local	Prince of Songkla University	https://grad.psu.ac.th/th/news/other/996thesisaward63.html

5	2021	Fundamental fund	National	Thailand Science Research and Innovation (TSRI)	https://www.tsri.or.th/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

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Field-1	: Applied Mathematics
Field-2	: Mathematical Modelling in Nanotechnology
ID Scopus	: https://www.scopus.com/authid/detail.uri?authorId=16 642204400
ID Orcid	: https://orcid.org/0000-0001-9875-9899
IDGoogle Scholar	:https://scholar.google.com/citations?hl=en&tzom=420&user=fJK4wZ AAAAAJ
h- index Scopus	: 14

Short Biography

Duangkamon Baowan is an associate professor in mathematics at Mahidol University, Thailand. She received her PhD in 2008 from the University of Wollongong, Australia. Her PhD research won her an outstanding thesis award from the National Research Council of Thailand in 2009. She was awarded Endeavour Postdoctoral Fellowships in 2009 and 2013 from the Australian Government, and received the Alexander von Humboldt Postdoctoral Fellowship in 2011. Furthermore, Dr. Baowan was awarded the accolade of Thailand's Young Scientist in 2013, and the World Academy of Sciences (TWAS) for the Advancement of Science in Developing Countries, TWAS Prize for Young Scientists in Thailand 2016 (Mathematics) from UNESCO.

In 2014, she was an ambassador of the 2014 International Congress of Mathematicians (ICM 2014) and its invitation program (NANUM 2014) held South Korea. Since January 2021, Dr. Baowan is an executive committee in East Asia Section of Society for Industrial and Applied Mathematics (EASIAM). Dr. Baowan also has experiences in the organization as a chair of the MSc program in Applied Mathematics (international program), a chair of the PhD program in Mathematics (international program), and a deputy head of the Mathematics department at the Faculty of Science, Mahidol University.

Dr. Baowan won awards in research grant since 2009 from both national and international funding agencies. Her past and present research works in the field of mathematical modelling are mainly focused on the energy and force distribution between organic and inorganic molecules .The aim of this study is to gain insight into the energy behaviours at a molecular level, and to reduce the time for a computational calculation .

Research and Publication

Her full list of Publications can be found at:

https://drive.google.com/file/d/1UdXz44sdtQPpMNTCo8e0UoweGswmvm0r/view?usp=sharing

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Joining curves between nanotorus and nanotube: mathematical approaches based on energy minimization	P. Sripaturad and **D. Baowan***	Zeitschrift fur Angewandte Mathematik und Physik (ZAMP), Vol. 72, No. 20.	htt\ps://link.springer.com/article/10.1007/s00033-020-01451-0
2	2020	Modelling carbon nanocones for selective filter	P. Sarapat, N. Thamwattana, B. J. Cox and **D. Baowan***	Journal of Mathematical Chemistry, Vol. 58, pp. 16501662.	https://link.springer.com/article/10.1007/s10910-020-01153-y

3	2019	A review of geometry, construction and modelling for carbon nanotori	P. Sarapat, J. M. Hill and **D. Baowan***	Applied Sciences, Vol. 9, pp. 2301.	https://www.mdpi.com/2076-3417/9/11/2301
4	2018	Continuous approximation for interaction energy of adamantane encapsulated inside carbon nanotubes	**D. Baowan***, J. M. Hill and W. Bacsa	Chemical Physics Letters, Vol. 693, pp. 3439.	https://www.sciencedirect.com/science/article/abs/pii/S0009261417311521
5	2017	Book "Modelling and Mechanics of Carbon-based Nanostructured Materials"	**D. Baowan,** B. J. Cox, T. A. Hilder, J. M. Hill and N. Thamwattana	Book published in Elsevier UK, ISBN: 978-0-12812463-5.	https://www.elsevier.com/books/modelling-andmechanics-ofcarbon-basednanostructured materials/baowan/978-0-12-812463-5

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021-present	executive committee	East Asia Section of Society for Industrial and Applied Mathematics (EASIAM)	https://www.easiam.org/home.html
2	2018 - present	Chair of PhD Program	Department of Mathematics, Faculty of Science, Mahidol University	
3	2017 - 2018	Deputy Head of Department	Department of Mathematics, Faculty of Science, Mahidol University	

4	2016-2017	Chair of MSc Program	Department of Mathematics, Faculty of Science, Mahidol University	
5	2014-2016	Chair of PhD Program	Department of Mathematics, Faculty of Science, Mahidol University	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2016	The World Academy of Sciences (TWAS) for the Advancement of Science in Developing Countries, TWAS Prize for Young Scientists in Thailand 2016 (Mathematics)	International	UNESCO	https://twas.org/
2	2014, 2009	Endeavour Research Fellowship, Australia	International	Department of Education, Skills and Employment, Australian Government	https://internationaleducation.gov.a u
3	2013	Young Scientist Award 2013	National	The Science Society of Thailand Under the Patronage of His Majesty the King, Thailand	https://www.scisoc.or.th
4	2011	Humboldt Research Fellowship	International	Alexander von Humboldt Foundation, Germany	https://www.humboldtfoundation.de/en
5	2009	Outstanding PhD thesis 2009	National	National Research Council of Thailand	https://www.nrct.go.th/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Assoc. Prof. Dr. Petarpa Boonserm, Ph.D.
Affiliation	: Department of Mathematics and Computer Science, Chulalongkorn University
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e-mail	: Petarpa.Boonserm@gmail.com
Phone/WA	: +6622187111
Field-1	: Ordinary and Partial Differential Equations
Field-2	: Applied Mathematics (Mathematical Physics: General relativity, Non-relativistic quantum physics)
ID Scopus	: 8521500100
ID Orcid	: https://orcid.org/0000-0003-0357-9620
ID Google Scholar	: uUfXdakAAAAJ&hl=en
h-index Scopus	:12

Short Biography

Petarpa Boonserm is an Associate Professor of Mathematics at the Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand, since 2010. She has published widely in the areas of differential equations, mathematical physics, general relativity, and nonrelativistic quantum physics. She is best known for her contributions, alongside Professor Matt Visser and Professor Silke Weinfurtner, in the development of several new transformation generating theorems that map perfect fluid spheres into perfect fluid spheres. In addition, one of her most well-known research is associated with the use of a technique called the Bogoliubov coefficients in deriving the rigorous bounds on the greybody factors for various black holes, including black holes in dRGT massive gravity, and the dRGT black strings.

She was born in Thailand on December 25, 1980. She had received the Royal Thai Scholarship to study in New Zealand where she completed her Ph.D. in Mathematics from Victoria University of Wellington in the year 2009, with a Ph.D. thesis entitled "Rigorous bounds on Transmission, Reflection, and Bogoliubov coefficients".

She now focuses on conducting research and research supervision in groups of numerical theories, differential equations, applied mathematics and mathematical physics, including general relativity, greybody factors for black holes, and in the generation of perfect fluid spheres.

Associate Professor Boonserm has won awards and research grants since 2010 from various institutes, particularly grants for the professional development of new academic staff from the Ratchadapisek Somphot Fund at Chulalongkorn University, from the Thailand Toray Science Foundation (TTSF), the Research Strategic Plan Program (A1B1), Faculty of Science, Chulalongkorn University, and the ERASMUS MUNDUS (individual mobility programme sponsored by the European Community between Asian and European Universities) in the year 2011, the Thailand Research Fund (TRF), the Office of the Higher Education Commission (OHEC), and Chulalongkorn University (MRG5680171) for the year 2012-2014, the Ratchadapisek Sompoch Endowment Fund, Chulalongkorn University (Sci-Super 2014-032) for the year 2014-2015, the Thailand Research Fund (TRF), and by the Office of the Higher Education Commission (OHEC), Faculty of Science, Chulalongkorn University (RSA5980038) for the year 2016-2018, the Thailand Center of Excellence for the year 2018-2021 as a co-researcher in the project entitled "Developing Models of the Accelerating Universe from Theories Beyond Einstein's Theory of Gravity", in association with Associate Professor Khamphee Karwan from The Institute for Fundamental Study, Naresuan University, as a project leader.

Additionally, she is also an external and internal examiner for the Master and Ph.D. defense exams at certain universities in Thailand. Associate Professor Boonserm also has experiences in the organization as a Deputy Head of Research in the Department of Mathematics and Computer Science, Chulalongkorn University, since 2018-2021. Associate Professor Boonserm has won the Young Researcher Award from the Faculty of Science, Chulalongkorn University, in 2010, and the 18th

Science & Technology Research Grant, and a supporting grant from the Thailand Toray Science Foundation in 2011.

Research and Publication

Associate Professor Boonserm's research focuses on ordinary and partial differential equations, applied mathematics and mathematical physics, including general relativity, greybody factors for black holes, and in the generation of perfect fluid spheres.

Her mathematical works have been published in national and international journals.

Her list of Publications can be found at:

https://scholar.google.com/citations?user=uUfXdakAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Innermost and outermost stable circular orbits in the presence of a positive cosmological constant	P. Boonserm, T. Ngampitipan, A. Simpson, and M. Visser	Physical Review D 101 (2), 024050	https://journals.aps.org/prd/abstract/10.1103 /PhysRevD. 101.024050
2	2020	Decomposition of the total stress energy for the generalized Kiselev black hole	P. Boonserm, T. Ngampitipan, A. Simpson, and M. Visser	Physical Review D 101 (2), 024022	https://journals.aps.org/prd/abstract/10.110 3 /PhysRevD. 101.02402220
3	2019	Reflection and transmission coefficients from the superposition of various potentials	P. Boonserm, T. Ngampitipan, and K. Sansuk	Journal of Physics: Conference Series 1366 (1), 012035	https://iopscience.iop.org/article/10.1088/1 742-6596/1366/1/012035/meta

4	2019	The Two Techniques for Generating Perfect Fluid Sphere	T. Ngampitipan, P. Boonserm	Malaysian Journal of Mathematical Sciences 13, 61–70-61–70	https://einspem.upm.edu.my/journal/fullpaper/vol13sapril /6.pdf
5	2019	Greybody factor for black string in dRGT massive gravity	P. Boonserm, T. Ngampitipan, and P. Wongjun	The European Physical Journal C 79 (4), 330	https://link.springer.com/content/pdf/10.114 0 /epjc/s 10052 -019-6827z.pdf
6	2018	Exponential metric represents a traversable wormhole	P. Boonserm, T. Ngampitipan, A. Simpson, and M. Visser	Physical Review D 98 (8), 084048	https://journals.aps.org/prd/abstract/10.110 3 /PhysRevD. 9 8.084048
7	2018	Near-horizon geodesics for astrophysical and idealised black holes: Coordinate velocity and coordinate acceleration	P. Boonserm, T. Ngampitipan, and M. Visser	Universe 4 (6), 68	https://www.mdpi.com/22181997/4/6/68
8	2016	Mimicking static anisotropic fluid spheres in general relativity	P. Boonserm, T. Ngampitipan, and M. Visser	International Journal of Modern Physics D 25 (02), 1650019	https://www.worldscientific.com/doi/abs/10 .1142 /S 02182 7181650019X
9	2016	Spin-zero hawking radiation: Bounds on the zero-angularmomentum mode emission from Myers-Perry black holes	T. Ngampitipan, P. Boonserm, A. Chatrabhuti, and M. Visser	MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES 10, 337345	https://einspem.upm.edu.my/journal/fullpaper/vol10sfeb 2/No29.pdf
10	2014	Greybody factors for Myers–Perry black holes	P. Boonserm, A. Chatrabhuti, T. Ngampitipan, and M. Visser	Journal of Mathematical Physics 55 (11), 112502	https://aip.scitation.org/doi/abs/10.1063/1.4901127

11	2014	Superradiance and flux conservation	P. Boonserm, T. Ngampitipan, and M. Visser	Physical Review D 90 (6), 064013	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.90.064013
12	2014	Bounding the greybody factors for scalar field excitations on the Kerr-Newman spacetime	P. Boonserm, T. Ngampitipan, and M. Visser	Journal of High Energy Physics 2014 (3), 113	https://link.springer.com/content/pdf/10.1007/JHEP03(2014)113.pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017-now	Deputy Head of Research	Department of Mathematics and Computer Science, Chulalongkorn University	https://math.sc.chula.ac.th/en/
2	2015-now	Member	The Science Society of Thailand Under the Patronage of His Majesty the King	https://www.scisoc.or.th/
3	2010-now	Executive Committee	Applied Mathematics and Computational Program, Department of Mathematics and Computer Science, Chulalongkorn University	https://math.sc.chula.ac.th/en/amcs/
4	2011	Committee	CIMPAUNESCO-MICINNTHAILAND School	http://archive.schools.cimpa.info/archivesecoles/20110804161852/about.html

5	2017-now	Committee	Department of Mathematics and Computer Science Chulalongkorn University,	https://math.sc.chula.ac.th/en/
6	2017	Assessor (evaluation of research project)	KMITL Research and Innovation Services (KRIS)	https://kris.kmitl.ac.th/about/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2019-2021	ASEAN-INDIA SCIENCE and TECHHOLOGY DEVELOPMENT FUND	International	Ministry of Science and Technology, Government of India	
2	2018-2021	Thailand Center of Excellence in Physics Grant for Basic Physics for Fundamental Knowledge and Emerging Technology	National	Thailand Center of Excellence in Physics, Ministry of Higher Education, Science, Research and Innovation	http://thepcenter.org/src2/views/home.php
3	2016-2018	The Thailand Research Fund (TRF)	National	The Office of the Higher Education Commission (OHEC), Faculty of Science, Chulalongkorn University (RSA5980038)	http://academics.trf.or.th
4	2014-2015	Sci-Super Fund	Local	Chulalongkorn University (SciSuper 2014032)	https://www.chula.ac.th/en/academic/faculty-ofscience/

5	2012-2014	The Thailand Research Fund (TRF)	National	The Office of the Higher Education Commission (OHEC), Chulalongkorn University (MRG5680171)	http://academics.trf.or.th
6	2011	The ERASMUS MUNDUS (individual mobility programme)	International	The European Community between Asian and European Universities)	https://ec.europa.eu/programmes/erasmusplus/node_en
7	2010-2011	The Research Strategic Plan Program (A1B1)	Local	Faculty of Science, Chulalongkorn University	https://www.chula.ac.th/en/academic/faculty-ofscience/
8	2011-2012	The 18th Science & Technology Research Grant	International	The Thailand Toray Science Foundation (TTSF)	https://www.ttsf.or.th/en/winner-listing/st-researchgrant2554/
9	2011	The professional development of new academic staff from the Ratchadapisek Somphot Fund	Local	Chulalongkorn University	https://www.research.chula.ac.th/th/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

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ID Google Scholar	:
h- index Scopus	: 9

Short Biography

Puntani Pongsumpun is Associate Professor of Mathematics at Department of Mathematics, School of Science, King Mongkut's Institute of Technology Ladkrabang since 2004. She was born in Chiangmai. She got a Ph.D degree in Mathematics (International Programme) from Mahidol university, Thailand in 2004 with the Ph.D. thesis entitled Transmission model for dengue virus infection in Thailand. She now focuses on research and research supervision in Mathematical Modelling in epidemiology, Biomathematics, Differential equations, Numerical analysis,

Optimization and Control. Associate Professor Puntani has got The Royal Golden Jubilee Ph.D. program (RGJ), Research Fund (TRF), Thailand, 2001-2004. She has got Franco-Thai Project 20052008 and 2009-2010 from Commission on Higher Education Thailand, Research Fund and National Science and Technology Development Agency, Thailand, Ministry of Foreign Affairs and Ministry of Youth, Education and Research, France. She has got Research Grant for New Scholars from Commission on Higher Education and the Thailand Research Fund (TRF) 2006-2008, 2011-2013, 2014-2016, 2016-2018, KMITL Research Funding: Academic Melting Pot 2018, 2020 and many research grants from King Mongkut's Institute of Technology Ladkrabang. She was Assistant Dean in School of Science, King Mongkut's Institute of Technology Ladkrabang, 20132017. She got poster Best Paper award from 13th PATTAYA Int'l Conference on "Advances in Science, Engineering and Technology" (ASET-18), Pattaya (Thailand), 2018 and 20th PATTAYA Int'l Conference on Science, Engineering, Technology & Natural Resources (SETNR-20), Pattaya (Thailand), 2020. She is the editor of Journal of Science Ladkabang and the Editorial Board of CAST(scopus index).

Research and Publication

Associate Prof.Dr.Puntani's research is on the Mathematical Modelling in epidemiology, Biomathematics, Differential equations, Numerical analysis, Optimization and Control. Her mathematical works have been published in national and international journals. Her list of Publications can be found at:

https://www.scopus.com/authid/detail.uri?authorId=6506102956

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Global Stability of the transmission of Hand-FootMouth Disease According to the Age Structure of the Population	Jiraporn Lamwong, Napasool Wongvanich , I-Ming Tang , Thurdkwun Changpuek and Puntani Pongsumpun	Current Applied Science and Technology	https://li01.tcithaijo.org/index.php/cast/article/view/248058

2	2020	Does Bangkok have a central role in the dengue dynamics of Thailand?	Zhiwei Xu, Hilary Bambrick, Puntani Pongsumpun , I. Ming Tang , LaithYakob, Gregor Devine, Francesca D. Frentiu, Gail Williams and Wenbiao Hu	Parasites& Vectors	https://parasitesandvectors.biomedcentral.com/articles/10.1186/s13071-020-3892-y
3	2019	Optimal control of the dengue dynamical transmission with vertical transmission	Puntani Pongsumpun, I-Ming Tang and Napasool Wongvanich	Advances in Difference Equations	https://doi.org/10. 1186/s13662-019-2120-6
4	2018	SIR Model for Dengue Disease with Effect of Dengue Vaccination	Pratchaya Chanprasopchai, I-Ming Tang and Puntani Pongsumpun	Computational and Mathematical Methods in Medicine	https://www.ncbi. nlm.nih.gov/pmc/articles/PMC6136472/
5	2017	Effect of rainfall for the dynamical transmission model of the dengue disease in Thailand	Pratchaya Chanprasopchai, Puntani Pongsumpun and I I-Ming Tang	Computational and Mathematical Methods in Medicine	https://www.ncbi. nlm.nih.gov/pmc/articles/PMC5591907/

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017-Present	Editorial Board	CAST	https://li01.tcithaijo.org/index.p hp/cast/about/editorialTeam
2	2016-Present	Editor	Journal of Science Ladkabang	https://li01.tcithaijo.org/index.p hp/science_kmitl/about/editorialTeam

3	2013-2017	Assistant Dean	School of Science, King Mongkut's Institute of Technology Ladkrabang	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020	Poster Best paper	International	20th PATTAYA Int'l Conference on Science, Engineering, Technology & Natural Resources (SETNR-20), Pattaya (Thailand),	
2	2018	Poster Best Paper	International	.13th PATTAYA Int'l Conference on "Advances in Science, Engineering and Technology" (ASET-18), Pattaya (Thailand),	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

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Field-1	: Numerical Analysis
Field-2	: Scientific Computation
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ID Orcid	: https://orcid.org/0000-0001-5824-5519
ID Google Scholar	: https://scholar.google.com/citations?user=AtvsODwAAAAJ&hl=en
h- index Scopus	: 8

Short Biography

Saifon Chaturantabut is currently an Associate Professor in Applied Mathematics at Department of Mathematics and Statistics, Faculty of Sciences and Technology, Thammasat University, Thailand, where she has joined since August 2013. She was born in Bangkok on May 22, 1982. She has won a scholarship from the Development and Promotion of Science and Technology Talents Project (DPST), Thailand, to study in the United States of America from Bachelor's degree through Ph.D. degree in the field related to Mathematics. She obtained her Bachelor's degree in Mathematics in 2005 and her Master's degree in operations research and industrial engineering in 2006 from Cornell University, New York, USA.

She received Master's degree and Ph.D. degree in computational and applied mathematics from Rice University, Texas, USA, in 2009 and 2011, respectively. Her Ph.D. study was done under the supervision of Prof. Danny C. Sorensen with the thesis entitled *Nonlinear Model Reduction via Discrete Empirical Interpolation*. During her Ph.D. study in 2010, she has joined a research group at Delft Institute of Applied Mathematics (Delft University of Technology) in the Netherlands. During 2011–2013, she was a visiting assistant professor under the Patricia Ann Caldwell post-doctoral fellowship at the Department of Mathematics, Virginia Polytechnic Institute and State University, Virginia, USA. Her research interests include model reduction techniques for nonlinear dynamical systems, numerical linear algebra, numerical analysis, large-scale scientific computing, numerical optimization, and machine learning.

After joining the Department of Mathematics and Statistics at Thammasat University, Saifon Chaturantabut has taken part in establishing the Ph.D. program in Mathematics at Thammasat University. Since 2013, she has supervised many graduate students and several undergraduate senior projects in applied mathematics. She is now served as a Deputy Director for Administration and Finance of Special Program in Mathematics. She has been awarded a number research grants from Thammasat University during 2015-2021 and awarded new researcher grants from Development and Promotion of Science and Technology Talents Project and Thailand Research Fund during 2015-2019.

Research and Publication

Saifon Chaturantabut's research is currently on nonlinear model reduction,numerical analysis, scientific computing, optimization, and machine learning. Her research works have been published in various international journals. A complete list of her publications can be found in her Google Scholar website below.

https://scholar.google.com/citations?user=AtvsODwAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Stabilized model reduction for nonlinear dynamical systems through a contractivitypreserving framework	S. Chaturantabut	International Journal of Applied Mathematics and Computer Science	https://dl.acm.org/doi/abs/10.34768/amcs-2020-0045

2	2020	Parametric Nonlinear Model Reduction Using-Means Clustering for Miscible Flow Simulation	N. Sukuntee, S. Chaturantabut	Journal of Applied Mathematics	https://www.hindawi.com/journals/jam/2020/3904606/
3	2017	Temporal localized nonlinear model reduction with a priori error estimate	S. Chaturantabut	Applied Numerical Mathematics	https://www.sciencedirect.com/science/article/abs/pii/S0168927417300600
4	2016	Structurepreserving model reduction for nonlinear port-Hamiltonian systems	S.Chaturantabut, C. Beattie, S. Gugercin	SIAM Journal on Scientific Computing	https://epubs.siam.org/doi/abs/10.1137/15M1055085
5	2015	Nonlinear parametric inversion using interpolatory model reduction	E.De Sturler, S.Gugercin, M.E Kilmer, S.Chaturantabut, C. Beattie, M. O'Connell	SIAM Journal on Scientific Computing	https://epubs.siam.org/doi/abs/10.1137/130946320
6	2012	A state space error estimate for POD-DEIM nonlinear model reduction	S.Chaturantabut, D.C. Sorensen	SIAM Journal on numerical analysis	https://epubs.siam.org/doi/abs/10.1137/110822724
7	2011	Application of POD and DEIM on dimension reduction of non-linear miscible viscous fingering in porous media	S.Chaturantabut, D.C. Sorensen	Mathematical and Computer Modelling of Dynamical Systems	https://www.tandfonline.com/doi/full/10.1080/13873954.2011.54760

8	2010	Morphologically accurate reduced order modeling of spiking neurons	A.R. Kellems, S.Chaturantabut, D.C. Sorensen, S.J. Cox	Journal of computational neuroscience	https://link.springer.com/content/pdf/10.1007/s10827-010-0229-4.pdf
9	2010	Nonlinear model reduction via discrete empirical interpolation	S.Chaturantabut, D.C. Sorensen	SIAM Journal on Scientific Computing	https://epubs.siam.org/doi/abs/10.1137/090766498

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2020-Present	Deputy Director for Administration and Finance of Special Program in Mathematics	Department of Mathematics and Statistics, Thammasat University, Thailand	
2	2015-Present	Secretary of Ph.D. curriculum in Mathematics	Thammasat University, Thailand	
3	2010-2011	Graduate Seminar Organizer for Department of Computational and Applied Mathematics	Rice University, USA	
4	2008-2009	Vice President of Society for Industrial and Applied Mathematics (SIAM) Student Chapter	Rice University, USA	
5	2006-2007	Social Committee of Department of Computational and Applied Mathematics	Rice University, USA	
6	2003-2004	Secretary of Cornell Thai Association	Cornell University, USA	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2020-2021	Research Grant: *Automatic defect detection for fruit skin using the nonextensive entropy with Gaussian modelling: a case study for mango*	Local	Faculty of Science and Technology, Thamasat University, Thailand	
2	2019-2021	Research Grant: *Complexity reduction for image reconstruction approach by using randomized algorithm with least-squares method*	Local	Thammasat University, Thailand	
3	2018-2019	Research Grant: *An application of dimension reduction technique on the Sine-Gordon equation*	Local	Thammasat University, Thailand	
4	2017-2018	Research Grant: *Complexity Reduction for Nonlinear Least-Squares Optimization*	Local	Thammasat University, Thailand	
5	2016-2019	Research Grant: *A Study on Computational Complexity Reduction for Solving Nonlinear Phase-Field Models Described by Allen-Cahn and Cahn-Hilliard Equations*	National	Development and Promotion of Science and Technology Talents Project, Thailand	

6	2016-2017	Research Grant: *Reduced-order modelling for systems with highly varying dynamics*	Local	Thammasat University, Thailand	
7	2015-2017	Research Grant: *Development of StructurePreserving Nonlinear Model Reduction*	National	Thailand Research Fund (TRF)	
8	2015-2016	Research Grant: *Model Reduction for Fisher's Equation*	Local	Thammasat University, Thailand	
9	2012	Travel Award to The World Congress On Computational Mechanics, Brazil (WCCM2012)	International	United States Association for Computational Mechanics (USACM)	
10	2011-2013	Patricia Ann Caldwell Post-Doctoral Fellowship	International	Virginia Polytechnic Institute and State University, USA	
11	2011, 2014	Invitation with Travel Award to Householder Symposium XVIII (USA) and XIX (Belgium)	International	Householder Symposium Organizer	
12	2010-2011	Ken Kennedy-Cray Inc. Graduate Fellowship	Local	Rice University, USA	
13	2009-2010	John & Eileen Tietze Fellowship	Local	Rice University, USA	
14	2009	Travel Award to Workshop on Model Reduction of Parametrized Systems(MoRePaS), Germany	International	University of Muenster, Germany	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

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Field-1	: Numerical oceanic and Atmospheric modeling
Field-2	: Weather and Climate change
ID Scopus	: 25634057900
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ID Google Scholar	:
h- index Scopus	: 8

Short Biography

Usa Humphries is Associate Professor in the Department of Mathematics, Faculty of Science, King Mongkut's University of Technology Thonburi (KMUTT), Bangkok, Thailand. She was born in Ratchaburi Thailand on February 22, 1968. She graduated Ph.D. in applied mathematics from the University of Exeter, UK. She received the research fellowship in applied mathematics institute of atmospheric physics funded by the Chinese Academy of Sciences and the Academy of Science for the Developing World (CAS-TWAS) in 2005 and another postdoctoral fellowship funded by the University of Southampton, UK in 2001-2002. Her expertise is numerical oceanic and atmospheric modeling, modelling of biological processes, numerical methods, weather and climate change, data assimilation, and data analysis. She is the direcotr of the KMUTT Research Center of Atmospheric and Oceanic Prediction (K@TOP), which contributes research on

the mathematical application of climate change and its effects. Some examples are the development of coupling atmospheric (WRF) and regional oceanic models (ROMS) for precipitation forecasting, the simulation of heavy rainfall, and the simulation of sea surface temperature. Moreover, the group is recently expanding to support the research on mathematical for agriculture, aiming to solve the challenge question, such as food demand and security. For example, the project focuses on rice blast disease simulation under combining atmosphere and soil conditions and other plant disease models that are being developed to become alternative tools for crop protection. Also, she continues to combine technology like image processing to contribute to the high value of research, helping solve real-world problems.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Analytical Approach of Fe3O4-Ethylene Glycol Radiative Magnetohydrodynami c Nanofluid on Entropy Generation in a Shrinking Wall with Porous Medium, International Journal of Engineering	U. Humphries, M. Govindaraju, P. Kaewmesri, P. Hammachukiattik ul, B. Unyong, G. Rajchakit, R. Vadivel, N. Gunasekaran	Internatio nal Journal of Engineeri ng	http://w ww.ije.i r/articl e_125 087 .ht ml
2	2021	Development of Dynamic Model and Analytical Analysis for the Diffusion of Different Species in Non-Newtonian Nanofluid Swirling Flow	Usman, A.H., Khan, N.S., Humphries, U.W., Shah, Z., Kumam, P., Khan, W., Khan, A., Rano S.A. and Ullah, Z.	Frontiers in Physics	https:// www.fr ontiersi n.org/a rticles/ 10.338 9 /fphy. 2020.6 16790 / full

3	2021	Model of Rice blast disease under tropical climate conditions	Kirtphaiboon, S., Humphries, U., Khan, A. and Yusuf, A.	Chaos, Solitons and Fractals	https://www.sciencedirect.com/science/article/abs/pii/S096007792303092X
4	2020	Improvement in rainfall estimates using bias correction with the IAP-DCP Global Model	Usa Humphries, Pramet Kaewmesri, Pariwate Varnakovida, Prungchan Wongwises	Journal of Mathematics and computers in Simulation	https://www.sciencedirect.com/science/article/abs/pii/S037847541930293 9
5	2020	Global Stability Analysis of Fractional-Order Quaternion-Valued Bidirectional Associative Memory Neural Networks	Humphries, U., Rajchakit, G., Kaewmesri, P., Chanthorn, P., Sriraman, R., Samidurai, R., and Lim, C.P.	mathematics	https://www.mdpi.com/2227390/8/5/801

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	June 1994 to present	Lecturing post in Department of Mathematics	Faculty of Science, King Mongkut's University of Technology Thonburi Bangkok, THAILAND	

2	2001-2002	Research Fellowship in Applied Mathematics (Postdoctoral)	James Rennell Division University of Southampton, ENGLAND	
3	2005	Research Fellowship in Applied Mathematics (Postdoctoral)	Institue of AtmosphericPhysics (IAP), Beijing, CHINA	
4	2018	Chairperson of Ph.D. Program in Applied Mathematics	Department of Mathematics Faculty of Science, King Mongkut's University of Technology Thonburi Bangkok, THAILAND	
5	2019	Working group on climate change data and modeling	Ministry of Natural Resources and Environment Thailand	

The best five awards including research grant and/or copyright

Number	Year	Award	Local /National/ International	Award Giving Organization	Link (if any)
1	2014	The Best Oral Presentation in the international conference on applied statistics 2014	International	Department of Statistics, Faculty of Science Khon Kaen University	
2	2012	Award of Excellence Thesis Advisor, Physical Science and Mathematics of the year 2012	National	National Research Council of Thailand	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Assoc.Prof.Dr. Kanokwan Sitthithakerngkiet
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e-mail	: Kanokwan.s@sci.kmutnb.ac.th
Phone/WA	: (+66) 81-707-3705
Field-1	: Analysis
Field-2	: Optimization
ID Scopus	: 37066558900
ID Orcid	: https://orcid.org/0000-0002-8496-7803
ID Google Scholar	: https://scholar.google.com/citations?hl=th&user=d_zNKFIAAAA
h- index Scopus	: 8

Short Biography

Kanokwan Sitthithakerngkiet is Associate Professor of Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, Thailand since 2013. She was born in Thailand on August 29, 1981. She got a Ph.D. degree in Mathematics at Naresuan University, Thailand in the year 2013 by Scholarship from Office of the Higher Education Commission, Thailand with the Ph.D. thesis entitled Thesis: Existence theorems of the generalized Ekeland-type variational principles and generalized quasi-equilibrium problems. She now focuses on research and research supervision in Group of Fixed Point Theory and Applications, Variational Inequality, Functional Analysis, Optimization Problems, Signal Recovering and Image Processing.

Associate Professor Kanokwan Sitthithakerngkiet has TRF Grant for New Researcher 2017-2019 from The Thailand Research Fund, research grant from King Mongkut's University of Technology North Bangkok 2015-2021, and Thailand Science Research and Innovation Fund, and King Mongkut's University of Technology North Bangkok 2021.

Associate Professor Kanokwan Sitthithakerngkiet has awards in **Outstanding New Researcher Award in Science and Technology 2017,** King Mongkut's University of Technology North Bangkok and **Outstanding Researcher Award in Science and Technology 2019,** King Mongkut's University of Technology

North Bangkok

Research and Publication

Kanokwan Sitthithakerngkiet is currently at Intelligent and Nonlinear Dynamic Innovations Research Center, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok (KMUTNB), Bangkok, Thailand. Her research is on Fixed Point Theory and Applications, Variational Inequality, Functional Analysis, Optimization Problems, Differential Equations, Signal Recovering and Image Processing. Her mathematical works have been published international journals and list of Publications can be found at:

https://scholar.google.com/citations?hl=th&user=d_zNKFIAAAAJ&view_op=list_works&sortby=pubdate or https://orcid.org/0000-0002-8496-7803

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Approximation theorems of a solution of amperometric enzymatic reactions based on Green's fixed point normal-S iteration	K Muangchooin, K Sitthithakern gkiet, P SaNgiamsunth orn, P Kumam	Advances in Difference Equations 2021 (1), 1-13	https://link.springer.com/article/10.1186/s13662-02103289-w
2	2021	Analytical Solutions of the Diffusion–Wave Equation of Groundwater Flow with Distributed-Order of Atangana–Baleanu	NA Shah, A Rauf, D Vieru, K Sitthithakern gkiet, P Kumam	Applied Sciences 11 (9), 4142	https://www.mdpi.com/2076-3417/11/9/4142

		Fractional Derivative			
3	2020	Inertial viscosity forward–backward splitting algorithm for monotone inclusions and its application to image restoration problems	D Kitkuan, P Kumam, J MartínezMoreno, K Sitthithakern gkiet	International Journal of Computer Mathematics 97 (1-2), 482-497	https://www.tandfonline.com/doi/abs/10.1080/00207160.2019.1649661
4	2020	Stability Results for Implicit Fractional Pantograph Differential Equations via φHilfer Fractional Derivative with a Nonlocal Riemann-Liouville Fractional Integral Condition	I. Ahmed, P. Kumam, K. Shah, P. Borisut, K.Sitthithakerngkiet, M.A. Demba	Mathematics 8 (1), 94	https://www.mdpi.com/2227-7390/8/1/94
5		A modified Fletcher– Reeves conjugate gradient method for monotone nonlinear equations with some applications	AB Abubakar, P Kumam, H Mohammad, AM Awwal, K Sitthithakern gkiet	Mathematics 7 (8), 745	https://www.mdpi.com/2227-7390/7/8/745

6		Nonlinear Caputo fractional derivative with nonlocal riemann-liouville fractional integral condition via fixed point theorems	P Borisut, P Kumam, I Ahmed, K Sitthithakern gkiet	Symmetry 11 (6), 829	https://www.mdpi.c om/2073-8994/11/6/829

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2017	Outstanding New Researcher Award in Science and Technology	Local	King Mongkut's University of Technology North Bangkok	
2	2019	Outstanding Researcher Award in Science and Technology	Local	King Mongkut's University of Technology North Bangkok	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Assoc.Prof.Dr.Pattarasinee Bhattarakosol
Affiliation	: Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University
Office Addres	: 254 Phayathai Road, Pathumwan, Wangmai, Bangkok 10330
e-mail	: Pattarasinee.b@chula.ac.th
Phone/WA	: +66819156565
Field-1	: Computer Science
Field-2	: Applied Statistics
ID Scopus	: 7003342181
ID Orcid	: http://orchid.org/0000-0002-9938-028x
ID Google Scholar	: WeFVkqAAAAAJ&hl=th
h- index Scopus	: 7

Short Biography

Pattarasinee Bhattarakosol is an Associated Professor of Computer Science at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand since 1986. She received her B.Sc. in Mathematics, M.Sc. in Applied Statistics, and Ph.D. in Computer Science. Her major research is related to software engineering and computer network design where statistical methods have been applied to support the assumption of the experiments. Moreover, she applied her knowledge in mathematics and statistics to develop a mechanism for lung checking and then signed as Chulalongkorn's license, including develop to be a software named as "Lung Care" which was loaded in Google Play Store Last year.

Moreover, she also applied her knowledge in mathematics to develop network flow architecture for an equipment that will be used for bedridden patients. This equipment and the design of algorithm were granted for Chulalongkorn patent on the year 2019.

Assoc.Prof.Dr. Pattarasinee Bhattarakosol has been invited as editor of many international journals, both in ISI web of knowledge and Scopus. Moreover, she has been involved as a committee in many research granting and evaluating of various organizations. In addition, she was invited to be a guest lecturer at many universities, both government and privates.

Research and Publication

The list of Assoc.Prof.Dr. Pattarasinee Bhattarakosol can be found at:

https://scholar.google.co.th/scholar?as_sdt=2007&q=bhattarakosol+pattarasin ee&hl=th

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2021	Significant factors associated with malaria spread in Thailand: a cross-sectional study	P Krainara, P Dumrongrojwatthana, P Bhattarakosol	Journal of Health Research/ Emerald	https://www.emerald.com/insight/content/doi/10.1108/JHR-11-2020-0575/full/html
2	2021	China Word: Vocabulary Quiz Game for Promoting Chinese Vocabulary Memory among 10th Grade Students.	Uiphanit, T., Jansibsee, N., Bhattarakosol, P., Chutosri, T., Liangyoo, P., Kingsuwankul, P., Wattanaprapa, N., Bunchongkien, W	Elementary Education Online, Vol 20(1), 2021, pp. 1317-1323	https://www.bibliomed.org/mnsfulltext/218/218-1612174907 .pdf? 1622949149
3	2020	Motivational Factors for Knowledge Sharing in Co-Working Spaces: CoWorking Spaces in Thailand from the Management	Lapsomboonkamol, S., Wiriyapinit, M., Bhattarakosol, P., Rajchamaha, K.	Pertanika Journal of Social Science and Humanities, Vol.28(3), September 2020	http://www.pertanika.upm.edu.my/pjssh/browse/regularissue?article=JSS H-5788-2020

		Perspective			
4	2020	Motivational Factors for Knowledge Sharing in CoWorking Spaces	Lapsomboonkamol, S., Wiriyapinit, M., Bhattarakosol, P., Rajchamaha, K.	Proceedings of the 2020 the 3rd International Conference on Computers in Management and Business, ICCMB 2020,	https://dl.acm.org/doi/10.1145/3383845.3383857
5	2020	Chibumons: A Positive Effect On Game to Undergraduate Students	Uiphanit, T., Bhattarakosol, P., Suanpong, K., Iamsupasit, S., Wongwan, C.	International Journal: Emerging Technologies in Learning, Vol.15(1), January 2020	https://onlinejournals.org/index. php/i-jet/article/view/11502

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2000-now	Advisor	Bridge and Board Games Club of Chulalongkorn University	-
2	2012-2016	Vice Chairman of the Student appeals committee	Chulalongkorn University	-
3	2012-2014	Assistant Director	Chulalongkorn University Press	-
4	2009-2011	Director	CU Gateway of Chulalongkorn University	

The best five awards including research grant and/or copyright

Number	Year	Award	Local\ /National/ International	Award Giving Organization	Link (if any)

1	2017-2019	Research Grant	International	ASAHI Grass Foundation	https://www.afinfo.or.jp/en/about/assets/pdf/publication/nenpou2019.pdf
2	2018	Copyright of a mobile application for analysing the Asthma No. 363230	national	Department of Intellectual Property, Thailand	
3	2019	Patent of An Automated Facial Detection System from Patients	national	Department of Intellectual Property, Thailand	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Assoc. Prof. Dr. Wirawan Chinviriyasit
Affiliation	: Department of Mathematics, King Mongkut's University of Technology Thonburi
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e-mail	: wirawon.chi@kmutt.ac.th, wirawan59chi@gmail.com
Phone/WA	: +6624708833
Field-1	: Mathematical Epidemiology and Biology
Field-2	: Mathematics Education
ID Scopus	: -
ID Orcid	: 0000-000272543544
ID Google Scholar	: J4dxVn0AAAAJ&hl=en
h-index Scopus	: 6

Short Biography

Chinviriyasit is Associate Professor of Applied Mathematics at Department of Mathematics, Faculty of Sciences, King Mongkut's University of Technology Thonburi (KMUTT), Thailand since 2010. She was born in Khon Kaen on January 23, 1968. She got a Ph.D. degree in Applied Mathematics at Brunel University, United Kingdom, in the year 2003 with the Ph.D. thesis entitled "Spatio-temporal numerical modelling of whooping cough dynamics". She now focuses on research and research supervision in a Group of mathematical epidemiology and biology which focuses on Epidemiological Modelling including dynamical analysis, mathematical analysis, and constructing numerical modelling for solving differential equations. In 2015-2016, she received awards honoring of researcher who was able to publish the research results with the highest Impact factor in the Web of Science (WoS) database of the Department of Mathematics, Faculty of Science. King Mongkut's University of Technology Thonburi.

Chinviriyasit also focuses on constructing learning methods based on using active learning, problem-based, and project-based learnings in order to enhance the achievement of student's learning outcomes via the mathematical modelling process. In 2016, she received the prestigious award for outstanding learning and teaching, which was evaluated and approved by KMUTT assessment board. Now, she has achieved the status of Senior Fellow (SFHEA) in recognition of attainment against the UK Professional Standards Framework for teaching and learning support in higher education, which was evaluated and approved by Advance HE on October 9, 2020.

Research and Publication

Chinviriyasit's research is on mathematical modelling, dynamical systems and its applications in epidemiology, and constructing numerical modelling for solving differential equations. Her mathematical works have been published in national and international journals.

Her list of publications can be found at:
https://scholar.google.com/citations?user=J4dxVn0AAAAJ&hl=en

The best five recent publications in journals and/or books

No	Year	Title	Author(s)	Journal/ Publisher	Link (if any)
1	2020	Mathematical evaluation of the role of cross immunity and nonlinear incidence rate on the transmission dynamics of two dengue serotypes	S Janreung, W Chinviriyasit, S Chinviriyasit	Advances in Difference Equations, 2020:147	https://doi.org/10.1186/s13662020-02585-1
2	2019	The effect of backward bifurcation in controlling measles transmission by vaccination	K Nudee, S Chinviriyasit, W Chinviriyasit	Chaos, Solitons & Fractals, Vol.123, 400412	https://www.sciencedirect.com/science/article/abs/pii/S0960077919301353
3	2015	The effect of time delay on the dynamics of an SEIR model with nonlinear incidence	S Tipsri, W Chinviriyasit	Chaos, solitons & fractals, Vol. 75, 153-172	https://www.sciencedirect.com/science/article/abs/pii/S0960077915000612
4	2015	The effect of incidence function in backward bifurcation for malaria model with temporary immunity	P Roop-O, W Chinviriyasit, S Chinviriyasit	Mathematical biosciences, Vol. 265, 4764	https://www.sciencedirect.com/science/article/abs/pii/S0025556415000899

5	2013	On the dynamics of SEIRS epidemic model with transport-related infection	A Denphedtnong, S Chinviriyasit, W Chinviriyasit	Mathematical biosciences, Vol. 245 (2), 188-205	https://www.sciencedirect.com/science/article/abs/pii/S0025556413001648
6	2012	Analytic study of the generalized Burger's– Huxley equation by hyperbolic tangent method	M Krisnangkura, S Chinviriyasit, W Chinviriyasit	Applied Mathematics and Computation, Vol. 218 (22), 10843-10847	https://www.sciencedirect.com/science/article/abs/pii/S0096300312004432
7	2010	Numerical modelling of an SIR epidemic model with diffusion	S Chinviriyasit, W Chinviriyasit	Applied Mathematics and Computation, Vol. 216 (2), 395-409	https://www.sciencedirect.com/science/article/abs/pii/S009630031000041X

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2003-2022	committee	The Mathematical Association of Thailand under the Patronage of His Majesty the King	https://www.mathassociation.net/view/home/page_news.php
2	2020-2021	Treasurer and committee	Center for Promotion of Mathematical Research of Thailand (CEPMART)	http://www.cepmart -mat.or.th/

The best five awards/Certificate

No	Year	Award/Certificate	Local/National/ International	Award Giving Organization	Link
1	2020	Senior Fellow (SFHEA) in recognition of attainment against the UK Professional Standards Framework for teaching and learning support in higher education	International	Advance HE, United Kingdom	https://www.advancehe.ac.uk/fellowship/fellowship
2	2016	Outstanding Teaching Award for the year 2016	Local	KMUTT	https://www.kmutt.ac.th/

3	2016	Awards honoring researchers for the year 2016	Local	Faculty of Science, KMUTT	https://science.kmutt.ac.th/
4	2015	Awards honoring middle-class researcher for the year 2015	Local	Faculty of Science, KMUTT	https://science.kmutt.ac.th/
5	2006	Honourable Mention Award for Oral Presentation in Science Technology	Nation	The 2nd Naresuan Research Conference, Naresuan University, Thailand	https://www.nu.ac.th/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY : THAILAND

NAME : Likasiri, Chulin

COMMONS USERNAME (credential,e.g., agency login) : Chulin

POSITION NAME : Assoc, Prof. Dr

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	END DATE MM/YYYY	FIELD OF STUDY
Chiang Mai University, TH	B.Sc.	1992	Mathematics
Mahidol University, TH	M.Sc.	1994	Applied Mathematics
Case Western Reserve University, US	M.Sc.	1998	Operations Research.
Case Western Reserve University, US	Ph.D.	2004	Electrical Engineering and Computer Science (System Engineering Program)

A. Personal Statement

My research focus has always been related to environmental topics. The two specialties, combinatorial optimization and mathematical modelling, that I have been known for the last 10 years are self-trained. My work during my PhD though closely done on environmental issues was merely nonlinear nonconvex optimization and systems of difference equation. Right now I am pretty open to any application of optimization problems that others have trouble solving. Sometimes the answers are simple to people in the area. For times to times, tailored algorithms are needed to tackle the problems. The pleasure in the doing is why I am here for.

B. Director of Research Plans

2019-2022: Effects of population, rainfall and water management systems on main crop Productions. (Excellence Centre in Mathematics: 3.0 MBaht)

2017-2020: Clustering and location routing problems with distribution centers. (Thailand Research Fund: 1.4 MBaht)

2017-2020: Research and Development on Renewable Energy for Secure, Reliable and Affordable Energy. (Excellence Centre in Mathematics: 8.86 MBaht)

2016-2019: Atmospheric Modeling Related to Northern Thailand Utilizing Control Theory, Efficient Numerical Scheme and Large-scale Optimization Techniques. (Excellence Centre in Mathematics: 13.5 MBaht)

C. Selected Peer-reviewed Publications

Phonin, S., Likasiri, C., 3-Phase Heuristics for Capacitated Multiple-depot VehicleRouting Problem with Separate Backhaul and Linehaul with a Case Study on Corn Residue Management System, Computers & Industrial Engineering, 2021, 158, 107395. (IF 4.135)

Rattanamongkhonkun, K., Pongvuthithum, R., Likasiri, C., Finite-time control of uncertain timevarying systems in p-normal form, IMA Journal of Mathematical Control and Information, 2021, 38 (1), 337–360.

Tiammee, S., Likasiri, C., Sustainability in Corn Production Management: A Multi-objective Approach, Journal of Cleaner Production, 2020, 257, 120855. (IF 7.246, cited 2 times)

Leungsubthawee, K., Saranwong, S., Likasiri, C., Multiple depot vehicle routing problems on clustering algorithms, Thai Journal of Mathematics, 2018 (Special Issue Annual Meeting in Mathematics), 205-216. (cited 1 times) o Phonin S., Likasiri C., Dankrakul S., Clusters with minimum transportation cost to centers: A case study in corn production management, Games, 2017, 8 (2), article 24. (cited 3 times)

Duangdai E., Likasiri C., Rainfall model investigation and scenario analyses of the effect of government reforestation policy on seasonal rainfalls: A case study from Northern Thailand, Atmospheric Research, 2017, 185, 1-12. (IF 4.676, cited 7 times)

Saranwong S., Likasiri C., Bi-level programming model for solving distribution center problem: A case study in Northern Thailand's sugarcane management, Computers and Industrial Engineering, 2017, 103, 26-39. (IF 4.135, cited 30 times)

Saranwong S., Likasiri C., Product distribution via a bi-level programming approach: Algorithms and a case study in municipal waste system, Expert Systems with Applications, 2016, 44, 78-91. (IF 5.452, cited 22 times)

Duangdai E., Likasiri C., Mathematical model analyses on the effects of globaltemperature and forest cover on seasonal rainfalls: A Northern Thailand case study, Journal of Hydrology, 2015, 524, 270-278. (IF 4.500, cited 4 times)

Dantrakul S., Likasiri C., Pongvuthithum R., Applied p-median and p-center algorithms for facility location problems, Expert Systems with Applications, 2014, 41, 3596-3604. (IF 5.452, cited 47 times)

Likasiri C., Duangdai E., Pongvuthithum R., Mathematical model on the effects of global climate change and decreasing forest cover on seasonal rainfall in Northern Thailand, Ecological Modelling, 2014, 272, 388-393. (IF 2.497, cited 4 times)

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

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e-mail	: Rajalida.l@chula.ac.th
Phone/WA	: (66)2-218-5223
Field-1	: Computer Science
Field-2	: Data Science and Modelling
ID Scopus	: -
ID Orcid	: -
ID Google Scholar	: -
h- index Scopus	: 5

Short Biography

EDUCATION & HONORS

PhD. in Engineering, Tokyo University of Agriculture and Technology, Japan, 2002
M.S. in Computer Science, California State University, Northridge, U.S.A 1992
B.S. in Mathematics, California State University, Northridge, U.S.A., 1987 A.A. in Liberal Arts, Santa Monica College, Santa Monica, U.S.A., 1985 Dean's list, Spring 1987

WORK EXPERIENCES

- Associate Professor, Mathematics and Computer Science Department, Faculty of Science, Chulalongkorn University, 2015 to present
- Assistant Professor, Mathematics and Computer Science Department, Faculty of Science, Chulalongkorn University, 2003 to 2015

- Lecturers, Mathematics Department, Faculty of Science, Chulalongkorn University, 1997 to 2003
- System and Software Analyst, Computer Service Center, Chulalongkorn University, 1993 to 1997

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	PM10 concentration forecast using modified depth-first search and supervised learning neural network	C. Photphanloet and R. Lipikorn	Science of the Total Environment, Volume 727	
2	2020	Pulmonary lesion classification from endobronchial ultrasonography images using adaptive weightedsum of the upper and lower triangular graylevel co-occurrence matrix	B. Khomkham and R. Lipikorn,	International Journal of Imaging Systems and Technology, pp. 1-14.	
3	2018	Gradient Directional Second Derivative Pseudoenhancement Correction and Modified Local Roughness Response Estimation for Electronic Cleansing in CT Colonography	K. Chunhapongpipat, R. Boonklurb, B. Chaopathomkul, S. Sirisup, and R. Lipikorn	Journal of Medical and Biological Engineering	

4	2017	Electronic Cleansing in Computed Tomography Colonography Using AT Laver Identification with Integration of Gradient Directional Second Derivative and Material Fraction Model	K. Chunhapongpipat , R. Boonklurb, B. Chaopathomkul, S. Sirisup, and R. Lipikorn	BMC Medical Imaging Volume 17	
5	2020	Innovative Communication Mechanism for the Psychological Well-being of Caregivers and Elderly with Dementia in the context of Thailand	T. Watcharasarnsap a, U. Tanlamaib, and R. Lipikorn,	International Journal of Innovation, Creativity and Change, Volume 13, Issue 6, 2020, pp. 458-474	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: Thailand

Name	: Phantipa Thipwiwatpotjana
Affiliation	: Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University
Office Address	: 254 Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Payathai Rd.,Wangmai, Patumwan, Bangkok, 10330
e-mail	: Phantipa.t@chula.ac.th
Phone/WA	: 66-2-218-5153
Field-1	: Optimization under Uncertainty
Field-2	: Interval Analysis
ID Scopus	: 24768274800
ID Orcid	: 0000-0001-5434-0025
ID Google Scholar	: N/A
h- index Scopus	: 5

Short Biography

Phantipa Thipwiwatpotjana is an Associate Professor of Mathematics at the Chulalongkorn University, Bangkok, Thailand. She received her Ph. D. in Applied Mathematics from the University of Colorado Denver in 2010 for the dissertation titled “Linear programming problems for generalized uncertainty”. She received scholarships from the Development and Promotion of Science and Technology Talents Project and Thai Government to study Mathematics for both undergraduate and graduate levels. Her primary research interests are in optimization under uncertainty, uncertainty relationship, and their applications.

Research and Publication

Assoc. Professor Thipwiwatpotjana recently interests in the research work on optimization with interval information. Her list of Publications can be found at:
https://www.scopus.com/authid/detail.uri?authorId=24768274800

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ \Publisher	Link
1	2021	Solution types of two-sided interval linear system and their application on interval linear programming problems	Thipwiwatpotjana, P., Gorka, A., Leelaapiradee, W.	Journal of Computational and Applied Mathematics/ Elsevier B.V.	https://www.sciencedirect.com/science/article/pii/S0377042720305859?via%3Dihub
2	2021	Bounds on mean absolute deviation portfolios under interval-valued expected future asset returns	Chaiyakan, S., Thipwiwatpotjana, P.,	Computational Management Science/ Springer Science and Business Media Deutschland GmbH	https://link.springer.com/article/10.1007%2Fs10287-02100392-x
3	2017	An algorithm for solving two-sided interval system of max-plus linear equations	Leela-apiradee, W., Lodwick, W.A., Thipwiwatpotjana, P.,	Information Sciences/ Elsevier Inc.	https://www.sciencedirect.com/science/article/pii/S0020025517305789?via%3Dihub
4	2017	Closed form of Llocalized solution set of max-plus interval linear system and its application on optimization problem	Leelaapiradee, W., Thipwiwatpotjana, P., Gorka, A	Journal of Computational and Applied Mathematics/ Elsevier B.V.	https://www.sciencedirect.com/science/article/pii/S0377042716305696?via%3Dihub
5	2015	L- and Rlocalized solvabilities ofmax-separable	Leela-Apiradee, W., Thipwiwatpotjana	Journal of Computational and Applied	https://www.sciencedirect.com/science/article/pii/S037704

		interval linear equations and its applications		Mathematics/ Elsevier	2714 005032?via%3Dihub

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016-2021	Technical Program Committee	The International Symposium on Integrated Uncertainty in Knowledge Modelling and Decision Making (IUKM)	https://www.jaist.ac.jp/IUKM/IUKM 2020 /Committees.php

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name : Surattana Sungnul

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Phone/WA : 66 830743525

Field-1 : Numerical Analysis, Computational Fluid Dynamics
Field-2 : Mathematical Modeling, Optimization

ID Scopus : 56177575400

ID Orcid : https://orcid.org/0000-0003-2984-4621

ID Google Scholar : https://scholar.google.com/citations?hl=en&user=1IifR_YAAAAJ

h- index Scopus : 4

Short Biography

Associate Professor Dr.Surattana Sungnul is a professor at the Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, Thailand. She was born in Bangkok on February 1, 1974. She graduated with a Ph.D. in Applied Mathematics at the Suranaree University of Technology, Nakornratchasima, Thailand in the year 2006 under supervisor Professor Nikolay Moshkin and the Ph.D. thesis entitled Numerical Simulation of Fluid Flow Past Self-propelled Body. Her research interests are in the field of Numerical Analysis, Computational Fluid Dynamics, Mathematical Modeling and Optimization.

Research Training

- Research Training on Numerical Simulation of Fluid Flow past Self-Propelled Body with Professor Yong Hong Wu at Curtin University of Technology, Australia (February – May 2004).
- Research Training on Numerical Simulation of Laminar Flow over Two Rotating Circular Cylinders with Professor Graeme Wake and Professor Robert McKibbin at Massey University, New Zealand, (March – May 2007).

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Modeling continuous glucose monitoring with fractional differential equations subject to shocks	Gaetano, A., Sakulrang, S., Borri, A., Pitocco, D., Sungnul, S., and Moore, E.J.	*Journal of Theoretical Biology*	https://doi.org/10.1016/j.jtbi.2021.110776
2	2021	An Application of Optimal Control to Sugarcane Harvesting in Thailand	Pornprakun, W., Sungnul, S., Kiataramkul, C., and Moore, E.J.	*Computation*	https://doi.org/10.3390/computation9030036
3	2020	Convergence and Applications of the Implicit Finite Difference Method for AdvectionDiffusion-Reaction Equations	Pananu, K., Sungnul, S., Sirisubtawee, S., and Phongthanapanich, S.	*IAENG International Journal of Computer Science*	http://www.iaeng.org/IJCS/issues_v47/issue_4/index.html
4	2020	Numerical Solutions of the Moisture Transport in Rough Rice	Jitsom, B., Sungnul, S., and Kunnawuttipreechachan, E.	*Engineering Letters*	http://www.engineeringletters.com/issues_v28/is

					sue_3/index.html
5	2019	Determining optimal policies for sugarcane harvesting in Thailand using biobjective and quasi-Newton optimization methods	Pornprakun, W., Sungnul, S., Kiataramkul, C., and Moore, E.J.	*Advances in Difference Equations*	https://doi.org/101186/s13662=019-2192-3

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2014- Present	Head of Department	King Mongkut's University of Technology North Bangkok	http://ma.kmutnb.ac.th
2	2014-Present	Committees	The Center for Promotion of Mathematical Research of Thailand	http://www.cepmart-mat.or.th/
3	2009-Present	Board and Treasurer	Foundation for the Promotion of Mathematical Talent (Thailand)	
4	2012-Present	Chairperson of M.Sc. Program in Applied Mathematics	King Mongkut's University of Technology North Bangkok	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2010	Outstanding Staff of 2010, Faculty of Applied Science	Local	Faculty of Applied Science, King Mongkut's University of Technology North	

				Bangkok	
2	2009	Outstanding Staff of 2009, Faculty of Applied Science	Local	Faculty of Applied Science, King Mongkut's University of Technology North Bangkok	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Assoc. Prof. Dr. Vimolrat Ngamaramvaranggul
Affiliation	: Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University
Office Addres	: 254 Phayathai Road, Wangmai Sub-District, Pathum Wan District, Bangkok, 10330, Thailand
e-mail	: vimolrat.n@chula.ac.th, vimolrat.n@gmail.com
Phone/WA	: +669 9195 9662
Field-1	: Computational Fluid Dynamics
Field-2	: Simulation Model
ID Scopus	: -
ID Orcid	: -
ID Google Scholar	: -
h- index Scopus	: 4

Short Biography

Vimolrat Ngamaramvaranggul is Associate Professor of Applied Mathematics at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Bangkok, Thailand since 1996. She was born in Bangkok, Thailand on June, 10 1962. In 2000, she was awarded her PhD in Computer Sciences from the University of Wales Swansea with the Ph.D. thesis entitled “Numerical Simulation of Non-Newtonian Free Surface Flows”. She now focus on research and research supervision in Computational Fluid Dynamics, Element Stretching, Extrudate Swell, 4 to 1 Contraction Flow, Free Surface Flows, Viscoelastic Fluids, Die-Swell Problem, Simulation of Wire Coating Problems, Numerical Method, Finite Element Method.

Assoc. Prof. Ngamaramvaranggul had ever been a managing director of APAN (Asia-Pacific Advanced Network) Secretariat since 2007-2009. APAN is an Internet networking consortium. Founded in 1997 and it was designed to promote advanced research in networking technologies and the development of high-performance broadband applications.

Assoc. Prof. Ngamaramvaranggul was a consultant of Marine Department, Ministry of Transport, Thailand for the development project of data management information system to

support the internal safety audit under International Maritime Organization (IMO) during the period from July till December 2020. Now, she is professional skills for dangerous goods regulation instructor.

Research and Publication

Assoc. Prof. Ngamaramvaranggul's is on the Numerical Simulation of viscoelastic fluids for stick-slip, die-swell, wire coating and 4 to 1 contraction problems. Her mathematical works have been published national and international journal and book.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Simulation of Die-Swell Flow for Wet Powder Mass Extrusion in Pharmaceutical Process	Vimolrat Ngamaramvaranggul and Nawalax Thongjub	*Applied Science and Engineering Progress* *Vol 13, No. 4, pp 354-361, 2020.*	http://ojs.kmutnb.ac.th/index.php/ijst/article/view/2462
2	2016	Book Differential Equations	Vimolrat Ngamaramvaranggul	Pitak Printing, Bangkok, 2016.	
3	2015	Slip Effect Study of 4:1 Contraction Flow with Rounded Corner Geometry for Newtonian Fluid	Nawalax Thongjub, Vimolrat Ngamaramvaranggul and Bumroong Puangkird	*Thammasat International Journal of Science and Technology* *Vol 20, No. 2, pp 1-8, 2015.*	https://ph02.tcithaijo.org/index.php/SciTechAsia/article/view/35770/29740
4	2015	Simulation of Dieswell Flow for Oldroyd-B Model with Feedback Semi-implicit Taylor Galerkin Finite Method	Vimolrat Ngamaramvaranggul and Nawalax Thongjub	*KMUTNB International Journal of Applied Science of Technology* *Vol 8, No. 1, pp 55-63, 2015*	http://ojs.kmutnb.ac.th/index.php/ijst/article/view/366
5	2014	Newtonian Fluid through the Abrupt 4:1 Contraction Flow of Rounded Corner Geometry with Feedback Pressure-Driven Velocity Flow	V. Ngamaramvaranggul and N. Thongjub	International Journal of Information Technology and Computer Science Vol 15, No. 2, pp 1-10, 2014	https://www.thaiscience.info/journals/Article/TSTJ/10978354.pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019-Now	Instructor	Sonic Interfreight Public Company Limited, Thailand	https://sonic.co.th /en/homepagemain/
2	2020	Consultant	Marine Department, Ministry of Transport, Thailand	https://www.md.g o.th/en/
3	2009-Now	Consultant	DGM Support (Thai) Ltd.	https://dgms.co.th
4	2007-2009	Managing Director	Asia Pacific Advanced Network	www.apan.net
5	2005	Editor of Newsletter	Space Affairs Bureau Thailand	https://www.egov. go.th/th/governm ent-agency/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2012	Academic grant	Local	DGM Support (Thai) Ltd.	https://dgms .co.th
2	2009	Academic grant	Local	DGM Support (Thai) Ltd.	https://dgms .co.th
3	2004-2006	Research grant	National	Thailand Research Fund	https://www.t r f.or.th/eng
4	2004	Research grant	International	Asia Pacific Advanced Network	www.apan. net
5	2001-2003	Research grant	National	Chulalongkorn University	https://www. chula.ac.th

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Associate Professor Dr Imchit Termwuttipong
Affiliation	:Department of Mathematics and Computer Science, Chulalongkorn University
Office Address	: Phayathai Road, Pathumwan, BANGKOK 10330, THAILAND
e-mail	: Imchit.term@gmail.com, imchit.t@chula.ac.th
Phone/WA	: +66869017574
Field-1	: Analysis
Field-2	: Nonlinear analysis, Fixed Point Theory
ID Scopus	: 54409405100
ID Orcid	: -
ID Google Scholar	: -
h- index Scopus	: 4

Short Biography

Imchit Termwuttipong is a professor in Analysis at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, BANGKOK, THAILAND since 1994. She was born on April 20, 1953. She got a Ph.D. in Mathematics in 1986 from Chulalongkorn University, Thailand. She first worked at the Department of Mathematics, Faculty of Science and Industrial Education, King Mongkut's University of Technology Thonburi, Bangkok, THAILAND in 1987 then moved to the Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, BANGKOK, THAILAND in 1993. Her research area is Analysis, especially nonlinear analysis and fixed point theory.

Assoc. Prof. Termwuttipong also has experiences in the first organization as a Head of the Department of Mathematics in 1987 and a Deputy Dean of the Faculty of Science and Industrial Education for Graduate Studies in 1992. At Chulalongkorn University, she served as a Deputy Head of the Department of Mathematics and Computer Science for Academic Affairs in 1996 – 1999, a Chair and a committee member of M.Sc. Program and of Ph.D. Program in Mathematics for many years. She is also an external examiner of Ph.D. and M.Sc. defense for

many universities. In addition, she is a consultant for M.Sc. Program and Ph.D. Program in Mathematics in many universities. Nevertheless, she has been not only a committee member of The Mathematical Association of Thailand under The Patronage of His Majesty The King but also a committee member of Mathematics Dictionary Committee and of Science Dictionary Committee of the Royal Society (since 2020 and 2015, respectively) until now.

Research and Publication

Assoc. Prof. Termwuttipong's research is in Analysis;- nonlinear analysis and fixed point theory. Her mathematical work was published in national books and international journals.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2016	Fixed points of continuous rotative mappings on the real line	T. Khemeratchatakumthorn and I. Termwuttipong	Journal of Nonlinear and Convex Analysis Volume 17, Issue 3, Pages 473 – 482 2016	http://www.yokohamapublishers.jp/online2/opjnca/vol17/p473.html
2	2014	On metricpreserving functions and fixed point theorems	P. Pongsriiam and I. Termwuttipong	Fixed Point Theory and Applications Open Access Volume 2014, Issue 11 December 2014 Article number 179	https://fixedpointtheoryandapplications.springeropen.com/articles/10.1186/1687-1812-2014-179
3	2014	Remarks on ultrametrics and metricpreserving functions	P. Pongsriiam and I. Termwuttipong	Abstract and Applied Analysis Open Access Volume 2014 2014 Article number 163258	https://www.hindawi.com/journals/aaa/2014/163258/

4	2012	Around Ulam's question on retractions	P. Chaoha, K. Goebel and I. Termwuttipong	Topological Methods in Nonlinear Analysis Volume 40 Issue 1 Pages 215 – 224 2012	https://projecteuclid.org/journals/topological methods-innonlinearanalysis/volume-40/issue1/AroundUlamsquestion-onretractions/tmna/1461243460.full
5	2012	Strong convergence theorems for 2generalized hybrid mappings in Hilbert spaces	M. Hojo, W. Takahashi and I. Termwuttipong	Nonlinear Analysis, Theory, Methods and Applications Volume 75 Issue 4 Pages 2166 – 2176 March 2012	https://www.sciencedirect.com/science/article/pii/S0362546X11007140
6	2011	Weak convergence theorems for 2generalized hybrid mappings in Hilbert spaces	W. Takahashi and I. Termwuttipong	Journal of Nonlinear and Convex Analysis Volume 12 Issue 2 Pages 241 – 255 August 2011	https://www.scopus.com/record/display.uri?eid=2-s2.0-84864559420&origin=resultslist
7	2011	Piecewise continuous mild solutions of a system governed by impulsive differential equations in locally convex spaces	A. Chonwerayuth , I. Termwuttipong and P. Chaoha	ScienceAsia Open Access Volume 37 Issue 4 Pages 360 – 369 December 2011	http://www.scienceasia.org/20 11.37.n4/scias 37_360.pdf

8	2010	Fixed point theorem of halfcontinuous mappings on topological vector spaces	I. Termwuttipong and T. Kaewtem	Fixed Point Theory and Applications Open Access Volume 2010 January 2010 Article number 814970	
9	1988	Elementary Real Analysis I (in Thai) การวเิคราะหเ์ชงิจรงิเบอื้งตน้ 1	I. Termwuttipong	Department of Mathematics, Faculty of Science and Industrial Education, King Mongkut's University of Technology Thonburi, BANGKOK	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	Until now	Committee member	The Mathematical Association of Thailand under The Patronage of His Majesty The King	https://www.math association.net/view/home/page_news.php
2	2020-now	Committee member	Mathematics Dictionary Committee of the Royal Society	https://www.orst.g o.th/royin/?m=i
3	2015-now	Committee member	Science Dictionary Committee of the Royal Society	https://www.orst.g o.th/royin/?m=i

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Asso. Prof. Dr. Chariya Uiyyasathian
Affiliation	: Department of Mathematics and Computer Science, Chulalongkorn University
Office Addres	: Faculty of Science, 254 Payathai Rd., Patumwan, Bangkok 10330, THAILAND.
e-mail	: Chariya.u@chula.ac.th
Phone/WA	: 66-2-218-7134
Field-1	: Graph Theory
Field-2	: Combinatorial Design
ID Scopus	: 12765416200
ID Orcid	: -
ID Google Scholar	:
h- index Scopus	: 3

Short Biography

Chariya Uiyyasathian is the Associate Professor of Mathematics at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand since 2004. She got an M.S. in Mathematics from Department of Mathematics, University of Illinois at Urbana-Champaign, USA in the year 1998, and received a Ph.D. in Applied Mathematics from Department of Applied Mathematics, University of Colorado at Denver, USA in the year 2003 with her Ph.D. thesis entitled Maximal-clique Partitions. She now focuses on research topics in graph theory and combinatorial designs.

Research and Publication

Associate Professor Chariya's research is on graph theory and combinatorial designs.
Her list of publications can be found at: https://math.sc.chula.ac.th/en/faculty/chariya-u/

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2017	Group divisible designs GDD(n,n,n,1; λ1, λ2)	Sakda, A., and Uiyyasathian, C.	Australasian Journal of Combinatorics	http://ajc.maths.uq.edu.au/pdf/6 9 /ajc_v69_p018 .pdf
2	2015	Cliquechromatic numbers of line graphs	Wichianpaisarn, T., and Uiyyasathian, C.	Ars Combinatoria	
3	2014	More results on cliquechromatic numbers of graphs with no long path	Wichianpaisarn, T., and Uiyyasathian, C.	Lecture Notes in Computer Science	
4	2012	Group divisible designs with two associate classes and (λ1, λ2) = (1,2)	Punnim, N., and Uiyyasathian, C.	Journal of Combinatorial Mathematics and Combinatorial Computing	
5	2011	On (k, t)choosability of graphs	Charoenpanitse ri, W., Punnim, N., and Uiyyasathian, C.	Ars Combinatoria	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	1989-2003	Development and Promotion of Science and Technology Talents Project (DPST)	National	Thai government	

2	2001	Doctoral Fellowship	Local	Department of Applied Mathematics, University of Colorado at Denver, USA.	
3	2009-2011	Research Grant	National	The Center of Excellence in Mathematics, the commission on Higher Education, Thailand	http://cem.sc.mahidol.ac.th/index.html
4	2010	Research Grant	National	The Center of Excellence in Mathematics, the commission on Higher Education, Thailand	http://cem.sc.mahidol.ac.th/index.html

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Morrakot KHEBCHAREON

Experience

2019–Present

Associate Professor • Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand

03/2010-05/2010

Visiting Professor • Department of Mathematics, Indian Institute of Technology Bombay, Mumbai, India

2006–2019

Assistant Professor • Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand

2004–2005

Postdoctoral Fellow • Center for Experimental Study for Subsurface Environmental Processes, Colorado School of Mines, U.S.A.

1995–2006

Lecturer • Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand

Education

- 1997-2002 Ph.D. (Mathematical and Computer Sciences), Colorado School of Mines, U.S.A.
- 1995-1997 M.S. (Mathematical and Computer Sciences), Colorado School of Mines, U.S.A.

- 1991-1995 B.S. (Mathematics) (Hons.), Chiang Mai University, Thailand

Selected Publications/Proceedings/Research Projects

- Taweelarp, S., Khebchareon M., Saenton, S., 2021, Evaluation of Groundwater Potential and Safe Yield of Heterogeneous Unconsolidated Aquifers in Chiang Mai Basin, Northern Thailand, *Water*, **13**(4), 558; https://doi.org/10.3390/w13040558
- Sharma, N., Khebchareon, M., Pani, A.K., 2019, A priori error estimates of expanded mixed FEM for Kirchhoff type parabolic equation, *Numerical Algorithms*, **83**, 125–147.
- Kundu, S., Pani, A.K., Khebchareon, M., 2018, Asymptotic Analysis and Optimal Error estimates for Benjamin-Bona-Mahony-Burgers' Type Equations, *Numerical Methods for Partial Differential Equations*, **34**(3): 1053-1092.
- Khebchareon, M., Pani, A.K., Fairweather, G., 2016, Convergence analyses of Crank-Nicolson orthogonal spline collocation methods for linear parabolic problems in two space variables, *International Journal of Numerical Analysis and Modeling*, **13**(1): 58-72.
- Kundu, S., Pani, A.K., Khebchareon, M., 2016, On Kirchhoff's model of parabolic type, *Numerical Functional Analysis and Optimization*, **37**(6): 719-752.
- Sharma, N., Khebchareon, M., Sharma, K., Pani, A.K., 2016, Finite element Galerkin approximations to a class of nonlinear and nonlocal parabolic problems, *Numerical Methods for Partial Differential Equations*, **32**(4): 1232-1264.
- Khebchareon, M., Pani, A.K., Fairweather, G., 2015, Alternating Direction Implicit Galerkin Methods for an Evolution Equation with a Positive-Type Memory Term, *Journal of Scientific Computing*, **65**(3): 1166-1188.
- Khebchareon, M., 2012, Crank-Nicolson Finite Element for 2-D Groundwater Flow, Advection-Dispersion and Interphase Mass Transfer: I. Model Development, *International Journal of Numerical Analysis and Modeling, Series B*, **3**(2): 109-125.

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Narawadee Phudolsitthiphat

Address:
305/10 M.4, Papai, Sansai, Chiang Mai, Thailand 50210
Office address:
Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand 50200 Tel. (053) 943326 ext 159
e-mail:
narawadee_n@hotmail.coth

Employment

Associate Professor, Chiang Mai University October 2021 - Present
Assistant Professor, Chiang Mai University June 2017 – October 2021
Lecturer, Chiang Mai University April 2014 – June 2017

Education

Chiang Mai University June 2009 – January 2014
Ph.D. in Mathematics
GPA: 4.00
Chiang Mai University May 2005 – March 2009
B.S. in Mathematics (Hons)
GPA: 3.98
Samakkhiwitthayakhom School May 2002 - March 2005
GPA: 3.97

Scholarships & Awards

Development and Promotion of Science and Technology Talents Project (DPST) 2005 - 2014
The Outstanding Student of the year, 2005, 2009

Prof. Thap Nelanithi foundation
The Outstanding Student of the Year, 2005, 2007, 2008, 2009
Chiang Mai University

Research Experience

Short-Term Research with Prof. Anthony To-Ming Lau 2012-2013 at Department of mathematics, University of Alberta, Canada for 6 months from Sep 1, 2012 to Feb 28, 2013

Conference Presentations

The 9th International Conference on Nonlinear Analysis and Convex Analysis (NACA2015) Jan 21-25, 2015

Naresuan University, Phitsanulok, Thailand
Coupled g-coincidence point theorems for a generalized compatible pair in complete metric spaces

The 5th International Symposium on Banach and Function Spaces 2015 (ISBFS 2015) Sep 2-6, 2015
Kyushu Institute of Technology, Tobata Campus, Kitakyushu, Japan
Coupled fixed point theorems for □–□ Geraghty's contraction maps using monotone property

The Joint Conference of the International Conference on Nonlinear Analysis and Convex Analysis and the International Conference on Optimization: Techniques and Applications (NACA-ICOTA2019) Sep 26-31, 2019
Future University, Hakodate, Hokkaido, Japan
Generalized fixed point theorems with □-function for R-contraction in b-metric spaces

Publications

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1. Atit Wiriyapongsanon and Narawadee Phudolsitthiphat, Coincidence Point Theorems for Geraghty-type Contraction Mappings in Generalized Metric Spaces, Thai journal of Mathematics, 2018, 2018 (Special Issue Annual Meeting in Mathematics), 145–158
2. Narawadee Phudolsitthiphat and Atit Wiriyapongsanon, Coupled coincidence point results in partially ordered JS-metric spaces, NOVI SAD JOURNAL OF MATHEMATICS, Vol 47, No.2, 2017, 173-185.

3. Narawadee Phudolsitthiphat and Phadi Charoensawan, Common fixed point results for three maps one of which is multivalued in G-metric spaces, Thai journal of Mathematics, Vol. 16 (2018) No.2, 455-469.
4. Phudolsitthiphat N., Khemphet A., Coincidence Point Theorems for Geraghty's Type Contraction in Generalized Metric Spaces Endowed with a Directed Graph, Thai Journal of Mathematics, 2019, 17(Special Issue (2019) Annal Meeting), 288–303
5. Atit Wiriyapongsanon and Narawadee Phudolsitthiphat, Fixed Point Theorems for
6. Generalized R-Contraction in b-Metric Spaces, Thai Journal of Mathematics (2018), 277-287
7. Raweerote Suparatulatorn, Suthep Suantai and Narawadee Phudolsitthiphat, Reckoning solution of split common fixed point problems by using inertial self-adaptive algorithms, RACSAM. (2019) 113, 3101–3114
8. Raweerote Suparatulatorn, Anchalee Khemphet, Phakdi Charoensawan, Suthep Suantai and Narawadee Phudolsitthiphat, Generalized self-adaptive algorithm for solving split common fixed point problem and its application to image restoration problem, International
9. Journal of Computer Mathematics, 97(7), 1431-1443
10. Arslan Hojat Ansari, Anchalee Khemphet, Narawadee Phudolsitthiphat and Atit Wiriyapongsanon, Upper class of type I on coupled coincidence point results for some contractions in partially ordered JS-metric spaces, Advances in Difference Equations 2019,
11. Article number: 499 (2019), Pages 1-20
12. Anchalee Khemphet, Pharunyou Chanthorn and Narawadee Phudolsitthiphat,
13. Common best proximity coincidence point theorem for dominating proximal generalized
14. Geraghty in complete metric spaces, Journal of Function Spaces, Vol 2020, Article ID 9620254, 1-7
15. Chaiporn Thangthong, Phakdi Charoensawan, Supreedee Dangskul and Narawadee Phudolsitthiphat, Common best proximity point theorems in JS-metric spaces endowed with graphs, Journal of Function Spaces, Vol 2021, Article ID 5524494, 1-18

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY : THAILAND

Name	: Asst. Prof. Dr. Kitiporn Plaimas
Affiliation	: Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University
Office Addres	: Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand.
e-mail	: kitiporn.p@chula.ac.th, kplaimas@gmail.com
Phone/WA	: +6622187114
Field-1	: Applied Mathematics, Graph and Network, Mathematica Modeling, Machine Learning
Field-2	: Systems Biology, Bioinformatics
ID Scopus	: 3634277440
ID Orcid	: **https://orcid.org/0000-0002-0416-8316**
ID Google Scholar	: elC_oKMAAAAJ&hl=en
h- index Scopus	: 8

Short Biography

Kitiporn Plaimas is a lecturer at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand since 2012. She was born in Bangkok on October 26, 1980. She earned her bachelor's degree in Mathematics at Mahidol University, Thailand, in 2002 with first class of honor. She graduated a master's degree in Computational Science at Chulalongkorn University, Thailand, in 2005, and got a doctorate in Applied Mathematics and Computer Science at Heidelberg University, Germany, in 2011. Her dissertation is entitled "Computational Analysis of the Metabolic Network of Microorganisms to Detect Potential Drug Targets", in which she developed and applied various mathematical and computational techniques into a machine learning. After that, she had worked at

Department of Bioinformatics and Functional Genomics, Institute of Pharmacy and Molecular Biotechnology (IPMB) and at Theoretical Bioinformatics, German Cancer Research Center (DKFZ), Heidelberg, Germany, in 2006-2011. During her bachelor and master studies, she had been supported by the Development and Promotion of Science and Technology Talents Project (DPST) from the Institute for the Promotion of Teaching Science and Technology (IPST), Thailand. She had won a Higher Educational Strategic Scholarship for Frontier Research Network (SFR) (for Mathematics Subject) from the Commission Higher Education, Thailand, for her PhD research and study in Germany.

In 2021, Kitiporn Plaimas received an Outstanding Mid-career Researcher Award from Faculty of Science, Chulalongkorn University. She is now working at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand. She teaches in a graduate program of Applied Mathematics and Computational Science at Department of Mathematics and Computer Science and teaches in a graduate program of Bioinformatics and Computational Biology at Faculty of Science, Graduate School, Chulalongkorn University, Thailand. Her research interest is in developing a new strategy and algorithm based on Mathematics and Computer science to model and analyse cellular mechanisms such as metabolic processes, signal transductions, and protein-protein interaction networks in several organisms: both prokaryote and eukaryote. She is also interested in drug repositioning, drug target identification, disease-related genes. Especially, most of her developed computational techniques are based on graph-based algorithm, machine learning, and mathematical modelling.

Research and Publication

Kitiporn Plaimas's research is on developing a new strategy and algorithm based on Mathematics and Computer science to model and analyse biological systems. Most of the developed computational techniques are based on graph-based algorithm, machine learning, and mathematical modelling. Her list of Publications can be found at:

https://scholar.google.com/citations?user=elC_oKMAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Multi-data aspects of protein similarity with a learning technique to identify drugdisease associations	Kitsiranuwat, S., Suratanee, A., Plaimas, K.	Applied Sciences (Switzerland), 2021, 11(7), 2914.	https://www.mdpi.com/20763417/11/7/2914

2	2021	Meta-Path Based Gene Ontology Profiles for Predicting Drug-Disease Associations	Kawichai, T., Suratanee, A., Plaimas, K.	IEEE Access, 2021, 9, pp. 41809–41820, 9374464.	https://ieeexplore.ieee.org/document/9374464
3	2020	Heterogeneous Network Model to Identify Potential Associations Between Plasmodium Vivax and Human Proteins	Suratanee, A., and Plaimas, K.	International Journal of Molecular Sciences, 21(4), p.1310.	https://www.mdpi.com/1422006 7/21/4/131 0
4	2018	Network-based association analysis to infer new diseasegene relationships using large-scale protein interactions	Suratanee, A. and Plaimas, K.	PLoS ONE, Volume 13, Issue 6, June 2018, Article number e0199435.	https://journals.plos.org/plosone/article?id=10.1371 /journal.pone.0199435
5	2017	Reverse Nearest Neighbor Search on a ProteinProtein Interaction Network to Infer Protein-Disease Associations	Suratanee, A. and Plaimas, K.	Bioinformatics and Biology Insights, Volume 11, 11 July 2017.	https://journals.sagepub.com/doi/10.1177/1177932217720405
6	2021	Network diffusion with centrality measures to identify diseaserelated genes	Janyasupab, P., Suratanee, A., Plaimas, K.	Mathematical Biosciences and Engineering, 2021, 18(3), pp. 2909–2929.	http://www.aimspress.com/article/doi/10.3934/mbe.2021147

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2012-now	Assistant Professor	Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University	https://math.sc.chula.ac.th/
2	2012-now	Member	Advanced Virtual and Intelligent Computing (AVIC) Center, Faculty of Science, Chulalongkorn University	https://www.research.chula.ac.th/researchhighlights/1411/
3	2012-now	Member	Omics Sciences and Bioinformatics Center, Faculty of Science, Chulalongkorn University	http://www.omicscenter.sc.chula.a c.th/
4	2011-2012	Researcher	Theoretical Bioinformatics, German Cancer Research Center (DKFZ), Heidelberg, Germany	https://www.dkfz.de/en/index.html
5	2007-2011	PhD student	Faculty of Mathematics and Computer Science, Heidelberg University, Germany	https://www.uniheidelberg.de/en/study/allsubjects/mathematics

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Outstanding Midcareer Researcher Award	Local	Faculty of Science, Chulalongkorn University	https://web.sc.chula.ac.th/
2	2006-2011	Higher Educational Strategic Scholarship for Frontier Research Network (SFR) in Mathematics	National	the Commission Higher Education, Thailand	http://www.mua.go.th/
3	1998-2005	Scholarship under the Development and Promotion of Science and Technology Talents Project (DPST	National	the Institute for the Promotion of Teaching Science and Technology (IPST), Thailand	http://eng.ipst.ac.th/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIE

COUNTRY: THAILAND

Name	: Asst. Prof. Dr. Monnat Pongpanich
Affiliation	: Department of Mathematics and Computer Science
	Bangkok, 10330, Thailand
e-mail	: Monnat.p@chula.ac.th
Phone/WA	: +6622185163
Field-1	: Bioinformatics
Field-2	: Genetics and transcriptomics
ID Scopus	: 36167084400
ID Orcid	: https://orcid.org/0000-0003-3228-33
ID Google Scholar	: sSlGUjEAAAAJ&hl=en
h- index Scopus	: 7

Short Biography

I have been an Assistant Professor in Bioinformatics at the Department of Mathematics and Computer Science, Chulalongkorn University since 2017. I received a Ph.D. degree in Bioinformatics from North Carolina State University, USA in 2012. My dissertation was entitled "On the SNP-based and Sequence-based Whole Genome Studies for Complex Traits". My current focus is on identifying genes involved in rare human diseases and salt tolerance in rice by analysing high throughput omics data, e.g. RNA sequencing or whole exome/genome sequencing and array-based technology data, e.g. methylation array or SNP array.

I contributed significantly to the team led by Prof. Dr. Vorasuk Shotelersuk that won the award for the title "Identification of a new human disease gene for epilepsy and an abnormal movement" from the National Research Council of Thailand in 2020. I also contributed substantially to another team led by Dr. Wichai Pornthanakasem that applied for a petty patent on an invention titled "*ALK* gene rearrangement detection technique in cancer cells" in 2020.

I have experience in the organization as a computer science program secretary for the undergraduate level from 2018-2021 and bioinformatics and computational biology program secretary for the graduate level from 2021- present. I have been a member of the committee of computer science and information technology for the graduate level from 2018-present and Omics Sciences and Bioinformatics center from 2016-present. I have also been a member of the steering committee of the Joint Conference on Computer Science and Software Engineering since 2021 and a member of the Thai Society of Human Genetics since 2019.

Research and Publication

My research is on computational methods for gene/trait identification. My works have been published in national and international journals.

The list of my publications can be found at:
https://scholar.google.com/citations?hl=th&user=sSlGUjEAAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Founder effect of the TTTCA repeat insertions in SAMD12 causing BAFME1	Yeetong, P., Chunharas, C., Pongpanich, M., Bennett, M.F., Srichomthong, C., Pasutharnchat, N., Suphapeetiporn, K., Bahlo, M. and Shotelersuk, V.	European Journal of Human Genetics	https://www.nature.com/articles/s41431020-00729-1
2	2020	An integrative analysis of genome_wide methylation and expression in ameloblastoma: A pilot study.	Pongpanich, M., Sanguansin, S., Kengkarn, S., Chaiwongkot, A., Klongnoi, B. and Kitkumthorn, N.	Oral Diseases	https://onlinelibrary.wiley.com/doi/pdf/10.1111/odi.13666
3	2019	TTTCA repeat insertions in an intron of YEATS2 in benign adult familial myoclonic epilepsy type 4	Yeetong, P., Pongpanich, M., Srichomthong, C., Assawapitaksakul, A., Shotelersuk, V., Tantirukdham, N., Chunharas, C., Suphapeetiporn, K. and Shotelersuk, V.	Brain	https://academic.oup.com/brain/article/142/11/3360/5572219

4	2019	Genome-wide association study for salinity tolerance at the flowering stage in a panel of rice accessions from Thailand	Lekklar, C., Pongpanich, M., Suriya-Arunroj, D., Chinpongpanich, A., Tsai, H., Comai, L., Chadchawan, S. and Buaboocha, T.	BMC genomics	https://bmcgenomics.biomedcentral.com/articles/10.1186/s12864-018-5317-2
5	2018	Pathologic replicationindependent endogenous DNA double-strand breaks repair defect in chronological aging yeast	Pongpanich, M., Patchsung, M. and Mutirangura, A.	Frontiers in genetics	https://www.frontiersin.org/articles/10.3389/fgene.2018.00501/full

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016 - present	Committee	Omics Sciences and Bioinformatics Center, Chulalongkorn University	http://www.omicscenter.sc.chula.ac.th/
2	2018 - 2021	Secretary	Computer science program, Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University	https://math.sc.chula.ac.th/
3	2018 present	Committee	Computer science and information technology, Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University	https://math.sc.chula.ac.th/
4	2020 - present	Committee	Thai society of human genetics	https://www.tshg.or.th/
5	2021 - present	Secretary	Bioinformatics and computational	http://www.bioinfo.sc.chula.ac.th/

			biology program, Graduate School, Chulalongkorn University	
6	2021 - present	Steering committee	Joint Conference on Computer Science and Software Engineering	https://www.jcsse2021.com/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2020	Research award	National	National Research Council of Thailand	https://www.nrct.go.th/
2	2020	Petty patent on an invention title "ALK gene rearrangement detection technique in cancer cells" Number 2003000423	National	Department of intellectual property	https://www.ipthailand.go.th/en/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Name	: Asst.Prof.Dr.Nichaphat Patanarapeelert
Affiliation	: Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok
Office Addres	: 1518 Pracharat 1 Road, Wongsawang, Bangsue, Bangkok, 10800, Thailand
e-mail	: nichaphat.p@sci.kmutnb.ac.th
Phone/WA	: +6625552000
Field-1	: Difference calculus
Field-2	: Mathematical Modeling
ID Scopus	: -
ID Orcid	: -
ID Google Scholar	: -
h- index Scopus	: 6

Short Biography

Nichaphat Patanarapeelert is a lecturer at Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, Thailand since 2009. She was born in Rayong, Thailand, on September 17, 1978. She got a Ph.D. degree in Mathematics from Mahidol University, Thailand, in the year 2009 with the Ph.D. thesis entitled Nonlinear Stability Analyses of a Model for Vegetation Distribution: Pattern Formation in Arid Environments. Now, her research areas are difference calculus and mathematical modelling.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	On Sequential Fractional q-Hahn Integrodifferenc e Equations	Dumrongpo kaphan T., Patanarape elert N., Sitthiwiratth am T.	Mathematics	https://doi.org/10.3390/math8050753
2	2020	Existence results of nonlocal Robin mixed Hahn and q-difference boundary value problems	Dumrongpo kaphan, T., Patanarape elert, N., Sitthiwiratth am T.	Advances in Difference Equations	https://doi.org/10.1186/s13662-020-02756-0
3	2019	The effect of group a streptococcal carrier on the epidemic model of acute rheumatic fever	Yokchoo N., Patanarape elert N., Patanarape elert K.	Theoretical Biology and Medical Modelling	https://doi.org/10.1186/s12976-0190110-8
4	2019	Existence Results of a Coupled System of Caputo Fractional Hahn Difference Equations with Nonlocal Fractional Hahn Integral Boundary Value Conditions	Dumrongpo kaphan, T., Patanarape elert, N., Sitthiwiratth am T.	Mathematics	https://doi.org/10.3390/math7010015
5	2018	On Four-Point Fractional q-Integrodifferenc e Boundary Value Problems Involving Separate Nonlinearity and arbitrary fraction order	Patanarape elert, N., Sitthiwiratth am T.	Boundary Value Problems	https://doi.org/10.1186/s13661-018-0962-6

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: THAILAND

Kanyuta Poochinapan

Assistant Professor

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Education

1996 1999 Mathematics, Chiang Mai University, Chiang Mai, Thailand. 2000 2001 Applied Mathematics, Chiang Mai University, Chiang Mai, Thailand.
2002 2009 Mathematics, Suranaree University, Nakhon Ratchasima, Thailand.

Academic eld of specialty

{ Computational Fluid Dynamics
{ Numerical PDEs
{ Numerical Analysis

Research outputs

1. B. Wongsaijai, K. Poochinapan, Optimal decay rates of the dissipative shallow water waves modeled by coupling the Rosenau-RLW equation and the Rosenau-Burgers equation with power of nonlinearity, Applied Mathematics and Computation 405, 126202 (ISI Q1, IF: 3.472).
2. B. Wongsaijai, P. Charoensawan, T. Chaobankoh, and K. Poochinapan, Advance in compact structurepreserving manner to the RosenauKawa- hara model of shallowwater wave, Mathematical Methods in the Applied Sciences 44 (8), 7048-7064 (ISI Q2, IF: 1.626).
3. S. Nanta, S. Yimnet, K. Poochinapan, and B. Wongsaijai, On the iden- ti cation of nonlinear terms in the generalized Camassa-Holm equation involving dual-power law nonlinearities, Applied Numerical Mathematics 160, 386-421 (ISI Q1, IF: 1.979).
4. R. Suparatulatorn, P. Charoensawan, K. Poochinapan, and S. Dan- gskul, An algorithm for the split feasible problem and image restoration, RACSAM 115(1),12 2021 (ISI Q1, IF: 1.406

5. B. Wongsaijai, N. Sukantamala, and K. Poochinapan, A mass- conservative higher-order ADI method for solving unsteady convection- di usion equations, Advances in Di erence Equations 2020 (1), 1-24 (ISI Q1, IF: 2.421).
6. B. Wongsaijai, C. Oonariya, and K. Poochinapan, Compact structure- preserving algorithm with high accuracy extended to the improved Boussinesq equation, Mathematics and Computers in Simulation 178,125-150 (ISI Q2, IF: 1.620).
7. R. Chousurin, T. Mouktonglang , B. Wongsaijai, and K. Poochinapan,
8. Advance in compact structure-preserving manner to the Rosenau- Kawa- hara model of shallow-water wave, Numerical Algorithms 85, 523-541 (ISI Q1, IF: 2.064).
9. N. Tamang, B. Wongsaijai, T. Mouktonglang, and K. Poochinapan, Novel algorithm based on modi cation of Galerkin nite element method to general Rosenau-RLW equation in (2+1)-dimensions, Applied Numer- ical Mathematics, 2019, 148, 109-130 (ISI Q1, IF:1.979).
10. J. Kerdboon, S. Yimnet, B. Wongsaijai, T. Mouktonglang, and K. Poochinapan, Convergence analysis of the higher-order global mass- preserving numerical method for the symmetric regularized long wave equation, International Journal of ComputerMathematics pp. 1-36 2020 (ISI Q2, IF: 1.6).
11. B. Wongsaijai, T. Mouktonglang, N. Sukantamala, and K. Poochina- pan, Compact structure-preserving approach to solitary wave in shallow water modeled by the Rosenau-RLW equation, Applied Mathematics and Computation 340:84-100, 2019. (ISI Q1, IF: 3.472).
12. R. Suparatulatorn, P. Charoensawan,and K. Poochinapan, Inertial self- adaptive algorithm for solving split feasible problems with applications to image restoration, Mathematical Methods in the Applied Sciences, 2019, 42(18), pp. 72687284 (ISI Q2, IF: 1.626).
13. T. Disyadej, J. Promjan, P. Muneesawang, K. Poochinapan, and S. Grzybowski, Application in O&M Practices of Overhead Power Line Robotics, in: Proceedings of The IEEE Power & Energy Society Gener- ation Transmission & Distribution Grand International Conference and Exposition Asia, March 21-23, 2019 in Bangkok, Thailand.
14. T. Disyadej, J. Promjan, and K. Poochinapan, T. Mouktonglang, S. Grzybowski, and P. Muneesawang, High Voltage Power Line Maintenance & Inspection by Smart Robotics, in: Proceedings of The IEEE Power & Energy Society 2019 Innovative Smart Grid Technologies North America Conference, February 17-20, 2019 in Washington D.C., USA.

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

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e-mail	:	areena.h@psu.ac.th
Phone/WA	:	(+66)73-313928-50 ext. 1890
Field-1	:	Inverse Problems
Field-2	:	Numerical Methods
ID Scopus	:	55626686900
ID Orcid	:	https://orcid.org/0000-0002-0661-7971
ID Google Scholar	:	https://scholar.google.com/citations?user=JKAevdcAAAAJ
h- index Scopus	:	6

Short Biography

My name is Areena Hazanee, a lecturer at the Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University Pattani Campus since 2009. My current academic position is an Assistant Professor of Mathematics which was promoted in 2020.

About my education, I received a scholarship namely the Project for The Promotion of Science and Mathematics Talent Teacher (PSMT) from The Institution for Promoting Science and Technology (IPST) for my Bachelor degree in Mathematics from Prince of Songkla Univeristy, Songkhla Thailand, and then continue my study at Chiangmai University, Chiangmai Thailand, for Master degree in Applied Mathematics. For my PhD degree I have got a scholarship namely the Royal Thai Government Scholarships Ministry of Science and Technology from The Ministry of Science and Technology, Thailand to study at University of Leeds, England, and received a PhD degree in 2015.

Research and Publication

My Ph.D. thesis entitle is "Boundary Element Method for Solving Inverse Heat Source Problems" and my currently research interest is inverse problem, numerical methods, and differential equation. Now I have 8 research papers shown in SCOPUS in total and were cited 99 times.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2013	An inverse time-dependent source problem for the heat equation	Hazanee, A., Ismailov, M.I., Lesnic, D., Kerimov, N.B.	Applied Numerical Mathematics	https://www.sciencedirect.com/science/article/abs/pii/S0168927413000299
2	2019	Inverse time-dependent source problems for the heat equation with nonlocal boundary conditions	Hazanee, A., Lesnic, D., Ismailov, M.I., Kerimov, N.B.	Applied Mathematics and Computation	https://www.sciencedirect.com/science/article/abs/pii/S0096300318309251
3	2015	An inverse time-dependent source problem for the heat equation with a non-classical boundary condition	Hazanee, A., Lesnic, D., Ismailov, M.I., Kerimov, N.B.	Applied Mathematical Modelling	https://www.sciencedirect.com/science/article/pii/S0307904X15000061X
4	2014	Determination of a time-dependent coefficient in the bioheat equation	Hazanee, A., Lesnic, D.	International Journal of Mechanical Sciences	https://www.sciencedirect.com/science/article/pii/S0020740314001891
5	2021	Mathematics I (in Thai)	Phon-On, A., Hazanee, A. Makaje, N., Tinpun, K., Sama-Ae, A.	Educational Technology Department, Office of Academic Resources, Prince of Songkla University	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016 - 2018	Vice heat of Mathematics and Computer Science Department	Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus,	
2	2017 - Present	Academic committee in Mathematics Olympiad Camp	Faculty of Science and Technology, Prince of Songkla University Pattani Campus Center	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Professional Teacher in PSU Teaching Professional Standards Framework (PSU-TPSF)	Local	Prince of Songkla University	
2	2020	Assistant Professor of Mathematics	National	Prince of Songkla University	
3	2019	Fellow Teacher in PSU Teaching Professional Standards Framework (PSU-TPSF)	Local	Prince of Songkla University	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Dr. Pakawan Pugsee
Affiliation	:	Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University
Office Addres	:	254 Phayathai Road, Pathumwan, Bangkok 10330 Thailand
e-mail	:	pakawan.p@chula.ac.th
Phone/WA	:	+66891273650
Field-1	:	Data Mining
Field-2	:	Software Engineering
ID Scopus	:	55210838200
ID Orcid	:	-
ID Google Scholar	:	AVnuBqwAAAAJ
h- index Scopus	: 4	

Short Biography

Pakawan Pugsee has been a lecturer at Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand since 2012. She got a Ph.D. degree in Computer Engineering from Chulalongkorn University in the year 2012 with the Ph.D. thesis title “A semantic analysis framework of two consecutive Thai serial verbs”. Her current research is text data mining with machine learning techniques. She and co-researchers have implemented opinion-mining applications from various text data, such as Twitter data, customer reviews and consumer comments.

Research and Publication

Her list of Publications can be found at:

https://scholar.google.com/citations?hl=th&user=AVnuBqwAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	Opinion Mining for Laptop Reviews using Naïve Bayes	P Pugsee, T Chatchaithanawat	Current Applied Science and Technology	https://li01.tci-thaijo.org/index.php/cast/article/view/240956
2	2021	Sentiment Analysis for Thai dramas on Twitter	P Pugsee, T Rengsomboonsuk, K Saiyot	Naresuan University Journal: Science and Technology (NUJST)	http://www.journal.nu.ac.th/NUJST/article/view/Vol-30-No-1-2022-18-29
3	2018	Using of the flipped classroom learning with a workshop activity in object-oriented analysis and design course	P Pugsee	Advances in Science, Technology and Engineering Systems	https://astesj.com/v03/i05/p08/

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017-now	Committee	Undergraduate Computer Science Program (Department of Mathematics and Computer Science)	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2015	Awards honouring teachers in teaching	Local	Chulalongkorn University	
2	2018-2020	Research Grant	Natioanal	National Research Council of Thailand (NRCT)	

Curriculum vitae

1. Name: Watchareepan Atiponrat

2. Present position: Assistant Professor of Mathematics, Chiang Mai University, Thailand

3. Email: watchareepan.a@cmu.ac.th

4. Education:

2002 – 2005 B.S. (Mathematics) Chiang Mai University, Chiang Mai, Thailand

2006 – 2008 M.S. (Mathematics) Chulalongkorn Univeristy, Bangkok, Thailand

2012 – 2015 PhD. (Mathematics) State University of New York at Buffalo, New York, USA

5. FIELDS OF SPECIALIZATION: Topology, Topological gyrogroups

6. ACADEMIC EXPERIENCES:

6.1 Lecturer:
Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand 2015 – 2017

6.2 Assistant Professor:
Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Bangkok, Thailand 2017 – present.

7. Publications:

7.1 Wattanapan, J., Atiponrat, W., Suksumran, T. Embedding of strongly topological gyrogroups in path-connected and locally path-connected gyrogroups (2020) Symmetry, 12 (11), art. no. 1817, pp. 1-23.

7.2 Charoensawan, P., Atiponrat, W. Coincidence point theorems for BKC-contraction mappings in generalized metric spaces endowed with a directed graph (2020) Thai Journal of Mathematics, 18 (2), pp. 539-549.

7.3 Wattanapan, J., Atiponrat, W., Suksumran, T. Embedding of locally compact Hausdorff topological gyrogroups in topological groups (2020) Topology and its Applications, 273, art. no.107102,

7.4 Atiponrat, W., Maungchang, R. Complete regularity of paratopological gyrogroups (2020) Topology and its Applications, 270, art. no. 106951, .

7.5 Atiponrat, W., Maungchang, R. Continuous homomorphisms, the left-gyroaddition action and topological quotient gyrogroups (2020) Quasigroups and Related Systems, 28 (1), pp. 17-28.

7.6 Charoensawan, P. and Atiponrat, W., Coincidence point theorems for BKC-contraction mappings in generalized metric spaces endowed with a directed graph, Thai journal of mathematics, 2019, accepted

7.7 Charoensawan, P. and Atiponrat, W., Common Fixed Point and Coupled Coincidence Point Theorems for Geraghty's Type Contraction Mapping with Two Metrics Endowed with a Directed Graph, Journal of Mathematics, vol.2017, 2017, DOI 10.1155/2017/5746704

7.8 Atiponrat, W., Topological gyrogroups: Generalization of topological groups, Topology and its Applications, 224, (2017-06-15), 73-82. doi:10.1016/j.topol.2017.04.004, eid:2-s2.0-85026319672

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Asst. Prof. Dr. Chanakarn Kiataramkul, MS
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Phone/WA	:	+66891416035
Field-1	:	Optimal Control
Field-2	:	Operations Research
ID Scopus	:	39461513700
ID Orcid	:	https://orchid.org/0000-0001-8794-5944
ID Google Scholar	:	1nlPdGYAAAAJ&hl=en
h- index Scopus	:	3

Short Biography

Chanakarn Kiataramkul is Assistant Professor of Mathematics at Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok, Bangkok, Thailand since 2012. She was born in Bangkok on May 1, 1982. She got a Ph.D. degree in Mathematics at Mahidol University, Bangkok in the year 2011 with the Ph.D. thesis entitled "Optimal Nutritional Strategies for Mammalian Development: A System Approach". She now focuses on Optimal Control Problem, Mathematical Modelling and Operations Research.

Asst. Prof. Dr. Chanakarn has won the outstanding academic record award from the Professor Dr. Tab Nilanidhi Foundation, Chulalongkorn University, Thailand in 2008. She got the scholarship from the Thailand Research Fund

through the Royal Golden Jubilee for studying the Ph.D. program at Mahidol University, Thailand in 2007-2011. And she got the fund from the National Research Centre for Growth and Development (NRCGD) when she did the research in New Zealand in 2010.

Asst. Prof. Dr. Chanakarn joined in the research groups funded from Centre of Excellence in Mathematics (CEM), Thailand with the program entitled "Mathematical Modelling and Simulation: Environmental Issues, Health and Food Assurance" and "Mathematical Modelling and Simulation for the Protection of Sustainable Economy: Optimal Farming Practices, Healthcare and Safety Assurance" in 2015-2018 and 2016-2019, respectively. She also worked as a research assistant in the project of Logistics and Supply Chain Management, Thailand in 2005 and 2007.

Research and Publication

Asst. Prof. Dr. Chanakarn's researches are on the Optimal Control Problem for farm animals and crops and also in Operations Research. Her mathematical works have been published in national and international journals and books.

Her list of Publications can be found at:

https://scholar.google.com/citations?hl=en&user=1nlPdGYAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher
1	2021	An Application of Optimal Control to Sugarcane Harvesting in Thailand	W. Pornprakun, S. Sungnul, C. Kiataramkul, and E.J. Moore	Computation 9(3), 36
2	2019	Application of Continuous and Discrete Optimal Control to Feeding of Farm Animals	S. Puengpo, E.J. Moore, and C. Kiataramkul	Songklanakarin J. Sci. Technol. 41(3), 587-598
3	2019	Determining Optimal Policies for Sugarcane Harvesting in Thailand Using Bi-Objective and	W. Pornprakun, S. Sungnul, C. Kiataramkul, and E.J. Moore	Advances in Difference Equations, 257, doi: 10.1186/s13662-019-2192-3

		Quasi-Newton Optimization Methods		
4	2019	An Optimization Model of Sugarcane Harvesting with Fixed and Variable Costs Approximated by Fourier and Cubic Functions	W. Pornprakun, S. Sungnul, C. Kiataramkul, and E.J. Moore	Book: Transactions on Engineering Technologies, International Multi-Conference of Engineers and Computer Scientists 2018, 338-353, doi: 10.1007/978-981-32-9808-8_27
5	2019	Simulation of Queueing System for Commercial Bank in University: Case Study of Bangkok Bank at King Mongkut's University of Technology North Bangkok	C. Kiataramkul and K. Neamprem	2019 Research, Invention, and Innovation Congress (RI2C), 1-4, doi: 10.1109/RI2C48728.2019.8999935

The best five organization experiences

Number	Year	Position	Organization
1	2012-now	Lecturer	Department of Mathematics, Faculty of Applied Science, King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand
2	2004-2007	Teaching Assistant	Department of Mathematics, Faculty of Science, Mahidol University (MU), Thailand

The best five awards including research grant and/or copyright

Number	Year	Award/Grant	Local/National/ International	Award/Grant Giving Organization
1	2015-2018 and 2016-2019	Academic Research Grant	National	Centre of Excellence in Mathematics (CEM), Thailand

2	2010	Academic Research Grant	International	the National Research Centre for Growth and Development (NRCGD)
3	2008	Outstanding Academic Record Award from the Professor Dr. Tab Nilanidhi Foundation	National	Chulalongkorn University, Thailand
4	2007-2011	Thailand Research Fund through the Royal Golden Jubilee Ph.D. program	National	The Thailand Research Fund (TRF), Thailand

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

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e-mail	:	Jiraphan.s@chula.ac.th
Phone/WA	:	662-218-5170
Field-1	:	Statistics
Field-2	:	Actuarial Science
ID Scopus	:	8430597300
ID Orcid	:	https://orcid.org/0000-0001-5410-9659
ID Google Scholar	:	5Cm_hFoAAAAJ
h- index Scopus	:	3

Short Biography

Jiraphan Suntornchost is an assistant professor in Mathematics at the Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Bangkok, Thailand. She received her Master's degree in Mathematics from the Department of Mathematics, Faculty of Science, Chulalongkorn University, Thailand in 2003. Her thesis title is "A uniform bound in a combinatorial central limit theorem" under the supervision of Professor Dr. Kritsana Neammanee. In 2012, she received Ph.D. in Mathematical Statistics from the Department of Mathematics, University of Maryland, College Park, Maryland, USA. Her Ph.D. thesis title is "Analysis of

Models for Epidemiologic and Survival Data" under the supervision of Professor Eric V. Slud. Her dissertation focused on Statistical models for mortality data and lifetime data.

Currently, she works in various fields in probability theory and statistics such as small area estimation, time series data analysis, distribution theory, and actuarial science. Her research focuses on obtaining new statistical tools and techniques for variable selection, parameter estimations, and statistical hypothesis tests.

Jiraphan has supervised many research projects in the areas of probability, statistics, and actuarial science at both undergraduate and postgraduate levels. Moreover, she also served as a consultant for companies and organizations.

Alongside her supervisory roles for students and organizations, Jiraphan has also taught numerous courses in mathematics and statistics. The topics covered in the courses range from probability theory, mathematical statistics, foundation of applied statistics, Bayesian statistics, small area estimation, statistical methods, and mathematical foundation of actuarial science.

Research and Publication

Jiraphan's research is on Mathematical Statistics, Probability Theory, and Actuarial Science. Her list of publications can be found at:

https://scholar.google.com/citations?hl=en&user=5Cm_hFoAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	"A general Bayesian Approach to meet different inferential goals in Poverty research for small areas"	P. Lahiri and J. Suntornchost	Statistics in Transition new Series	https://www.exeley.com/statistics_in_transition/doi/10.21307/stattrans-2020-040
2	2018	"Variable Selection in Multivariate Linear Regression Models Subject to Sampling Errors"	A. Angkunsit and J.Suntornchost	Chamchuri Journal of Mathematics	https://math.sc.chula.ac.th/cjm/content/variable-selection-multivariate-linear-regression-models-subject-sampling-errors

3	2018	“An improvement of a Non-Uniform Bound for Central Limit Theorem”	P. Sumritnorrapong, K. Neammanee, and J. Suntornchost	Communication in Statistics	https://www.tandfonline.com/doi/abs/10.1080/03610926.2018.1459711?journalCode=lsta20
4	2018	“Exponential Bounds via Stein’s method and Exchangeable Pair”	P. Sumritnorrapong, K. Neammanee, and J. Suntornchost	ScienceAsia	http://www.scienceasia.org/2018.44.n4/scias44_277.pdf
5	2015	“Variable Selection for Linear Mixed Models with Applications in Small Area Estimation”	Partha Lahiri and Jiraphan Suntornchost	Sankhya: The Indian Journal of Statistics	https://link.springer.com/article/10.1007/s13571-015-0096-0
6	2014	“Parametric Survival Densities and Regression from Phase-Type Models”	E. Slud and J. Suntornchost	Lifetime Data Analysis	https://pubmed.ncbi.nlm.nih.gov/23963960/

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019-now	member	International Statistical Institute	
2	2019	Training Consultant	Economic and Social Commission for Asia and Pacific/ESCAP SIAP	
3	2017-now	Committee	Program of Applied Mathematics and Computational Science, Department of Mathematics, Chulalongkorn University.	
4	2021-now	Member	International Association of Survey Statisticians	
5	2012-now	Member	The Center for Promotion of Mathematical Research of Thailand (CEPMART)	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2006	The Higher Educational Strategic Scholarship for Frontier Research Network	National	The office of Higher Education of Thailand	
2	2011	Best Presentation Award	Local	University of Maryland, Baltimore College	
3	2012	Research Grant	Local	Chulalongkorn University, Thailand	
4	2018	Research Grant	National	Thailand Science Research and Innovation	
5	2019	Travel Grant for ISI 62nd ISI World Statistics Congress	International	The Asian Development Bank (ADB)	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Asst. Prof. Yaowaluck Khongtham
Affiliation	:	Program in Mathematics, Faculty of Science, Maejo University
Office Addres	:	63 M.4 Nhonghan, Sansai, Chiang Mai, 50290. Thailand
e-mail	:	yaowa.k@mju.ac.th
Phone/WA	:	+6653873881, +66843689695
Field-1	:	Functional Analysis
Field-2	:	Control Theory
ID Scopus	:	54389163200
ID Orcid	:	
ID Google Scholar	:	
h- index Scopus	: 3	

Short Biography

Yaowaluck Khongtham is Assistant Professor in Mathematics at Faculty of Science, Maejo University since 2005. She was born in Chiang Mai, Thailand on January 8, 1966. She got Master degree in Mathematics at Chiang Mai University in the year 1993. She started working at Maejo University in the year 1993. She now focuses on research in Functional analysis, Fixed point theory, and Linear matrix inequality.

Asst. Prof. Yaowaluck also has experience in the organization as the head of

Department of Mathematics and Statistics, Faculty of Science, Maejo University, in 1997-2001. She was the Assistant Dean for administration of Faculty of Science, Maejo University, in 2001-2005.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2018	Contraction on some fixed point theorem in $b_v(s)$metric spaces	Khongtham, Y.	Lecture Note in Engineering and Computer Science, 2018, 2235	http://www.iaeng.org/publication/WCE2018/
2	2016	Common Fixed Point of Self Mappings under A-Contraction in b-Metric Spaces	Yaowaluck Khongtham and Sanga Homchoo	NU. International Journal of Science, 2016, 13(2)	https://www.sci.nu.ac.th/sciencejournal/index.php/journal/article/view/315
3	2014	New iterative method for variational inclusion and fixed point problems	Khongtham, Y.	Lecture Notes in Engineering and Computer Science, 2014, 2, pp. 865–869	http://www.iaeng.org/publication/WCE2014/
4	2014	Iterative scheme for mixed equilibrium problems, fixed point problems and variational inequality problems of a countable family of k-strict pseudo-contractions	Khongtham, Y.	Far East Journal of Mathematical Sciences, 2014, 85(2), pp. 239–254	http://www.pphmj.com/journals/articles/1196.htm
5	2013	The convergence iterative scheme for quasi-variational problems and fixed point problems	Khongtham, Y.	Lecture Notes in Engineering and Computer Science, 2013, 1 LNECS, pp. 247–251	http://www.iaeng.org/publication/WCE2013/
6	2012	LMI approach to exponential stability of linear	Phat, V.N., Khongtham, Y.,	Linear Algebra and Its Applications, 201	https://www.sciencedirect.com/science/article/pii/S00243

		systems with interval time-varying delays	Ratchagit, K.	2, 436(1), pp. 243–251	79511005283

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	1997-2001	Head the department of Mathematics and Statistics	Faculty of Science, Maejo University	http://www.science.mju.ac.th/
2	2001-2005	Assistant Dean for Administration	Faculty of Science, Maejo University	http://www.science.mju.ac.th/
3	2016-2018	Represent of Maejo University	CEPTMART Thailand	https://sites.google.com/site/ceptmart/

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2019	Research Presentation award	National	Taksin University, Thailand	
2	2017	Research Presentation award	National	Taksin University, Thailand	

Curriculum vitae

1. Name: Wannasiri Wannasit

2. Present position: Assistant Professor of Mathematics, Chiang Mai University, Thailand

3. Email: wannasiri.w@cmu.ac.th

4. Education:

2001 – 2004 B.S.(Mathematics) Chiang Mai University, Chiang Mai, Thailand.

2005 – 2007 M.S.(Mathematics) Chiang Mai University, Chiang Mai, Thailand.

2008 – 2011 PhD. (Mathematics) Chiang Mai University, Chiang Mai, Thailand.

2012 Postdoctoral Research (Graph design) Illinois State University, IL, USA

2013 Postdoctoral Research (Graph design) University of Queensland, Brisbane, Australia

5. FIELDS OF SPECIALIZATION: Graph theory, Graph designs, Graph labelings

6. ACADEMIC EXPERIENCES:

6.1 Lecturer:

Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand 2013 – 2016

6.2 Assistant Professor:

Department of Mathematics, Faculty of Science, Chiang Mai University, Chiang Mai, Bangkok, Thailand 2016 – present.

7. AWARD:

7.1 Research Scholar: Thailand Research Fund, July 1, 2015 – June 30, 2017.

7.2 Research Scholar: Thailand Research Fund, July 17, 2017 – July 16, 2019.

7.3 Visiting Scholar: Department of Mathematics, Illinois State University, USA, June, 2018.

7.4 Research Scholar: Thailand Research Fund, March 1, 2019 – February 28, 2021.

8. Publications:

1. Wannasit, Wannasiri, On cyclic decompositions of the complete graph into the bipartite generalized Petersen graph $P(n, 3)$, *Discrete Mathematics,* Vol 344(5) (2021), 1–18

2. Adams, Peter; Bunge, Ryan; Eggleton, Roger; El-Zanati, Saad; Odabasi, Ugur; Wannasit, Wannasiri, Decompositions of complete graphs and complete bipartite graphs into bipartite cubic graphs of order at most 12, *Bulletin of the Institute of Combinatorics and its Applications,* Vol 92 (2021), 50–61

3. Wannasit, Wannasiri; El-Zanati, Saad, On cyclic decompositions of the complete graph into the generalized Petersen graph, *Ars Combinatoria,* Vol 148 (2020), 205–213

4. Adams, Peter; El-Zanati, Saad; Odabası, Ugur; Wannasit, Wannasiri, The spectrum problem for the connected cubic graphs of order 10, *Discussiones Mathematicae Graph Theory,* DOI: https://doi.org/10.7151/dmgt.2220 Published online: 02 May 2019

5. Wannasit, Wannasiri; El-Zanati, Saad, On σ-tripartite labelings of odd prisms and even Möbius ladders, *Bulletin of The Malaysian Mathematical Sciences Society*, Vol 42 (2019), 677–696.

6. Adams, Peter; El-Zanati, Saad; Wannasit, Wannasiri, The spectrum problem for the cubic graphs of order 8, *Ars Combinatoria*. Vol 137 (2018), 345–354.

7. Bunge, Ryan; El-Zanati, Saad; Mudrock, Jeffrey; Vanden Eynden, Charles; Wannasit, Wannasiri, On λ-fold Rosa-type labelings of bipartite multigraphs, 9th International Workshop on Graph Labelings (IWOGL 2016), 11–23, *Electronic Notes in Discrete Mathematics*, 60, Elsevier Sci. B. V., Amsterdam, 2017.

8. Bryant, Darryn; Herke, Sarada; Maenhaut, Barbara; Wannasit, Wannasiri, Decompositions of complete 3-uniform hypergraphs into small 3-uniform hypergraphs, *The Australasian Journal of Combinatoric*, Vol 60 (2014), 227–254.

9. El-Zanati, Saad I.; Lapchinda, Wannee; Tangsupphathawat, Pinthira; Wannasit, Wannasiri, The spectrum for the Stanton 3-cycle, *Bulletin of the Institute of Combinatorics and its Applications*, Vol 69 (2013), 79–88.

10. Wannasit, Wannasiri; El-Zanati, Saad, On free α-labelings of cubic bipartite graphs, 24th MCCCC. *Journal of Combinatorial Mathematics and Combinatorial Computing*, Vol 82 (2012), 269–293.

11. Wannasit, Wannasiri; El-Zanati, Saad, On cyclic G-designs where G is a cubic tripartite graph, *Discrete Mathematics*, Vol 312 (2012), no. 2, 293–305.

12. Wannasit, Wannasiri; El-Zanati, Saad, On graceful cubic graphs, Proceedings of the Forty-Second Southeastern International Conference on Combinatorics, Graph Theory and Computing. *Congressus Numerantium,* Vol 208 (2011), 167–182.

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Dr. Pakwan Riyapan
Affiliation	:	Department of Mathematics and Computer Science
Office Addres	:	Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University , Pattani 94000, Thailand
e-mail	:	pakwan.r@psu.ac.th
Phone/WA	:	+66801402165
Field-1	:	Applied Mathematics
Field-2	:	Dynamical Systems, Mathematical Modeling
ID Scopus	:	15019638800
ID Orcid	:	http://orcid.org/0000-0002-2945-3922
ID Google Scholar	:	imdBX5EAAAAJ&hl=en
h-index Scopus	:	3

Short Biography

Pakwan Riyapan is a lecturer of Applied Mathematics at Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University, Thailand since 2005. She was born in Pattani on May 16, 1981. She got a Ph.D. degree in Applied Mathematics at University of Leeds, UK, in the year 2013 with the Ph.D. thesis entitled Mode Interactions and Superlattice Patterns. She now focuses on research about mathematical modelling with infectious diseases: Covid-19, rotavirus.

Dr. Riyapan also has experiences in the organization as a committee of International Seminar Research Methods in Practice 2021 (RMP2021) and the 13th Thailand Mathematics Olympiad organized by Faculty of Science and Technology, Prince of Songkla University in 2016.

Research and Publication

Dr. Riyapan's research is on the mathematical modelling. Her mathematical works have been published in national and international journals and books.

Her list of Publications can be found at:

https://scholar.google.com/citations?user=imdBX5EAAAAJ&hl=en

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2021	A mathematical model of covid-19 pandemic: A case study of Bangkok, Thailand	P. Riyapan, S.E. Shuaib, A. Intarasit	Computational and Mathematical Methods in Medicine /Hindawi	https://doi.org/10.1155/2021/6664483
2	2021	Applications of the differential transformation method and multi-step differential transformation method to solve a rotavirus epidemic model	P. Riyapan, S.E. Shuaib, A. Intarasit, K. Chuarkham	Mathematics and Statistics/ Horizon Research Publishing(HRPUB)	DOI: 10.13189/ms.2021.090112
3	2020	A mathematical model to study the effects of breastfeeding and vaccination on rotavirus epidemics	S.E. Shuaib, P. Riyapan	Journal of Mathematical and Fundamental Sciences/ Institute for Research and Community Services, Institut Teknologi Bandung	DOI:10.5614/j.math.fund.sci.2020.52.1.4
4	2019	Book (in Thai) Mathematics for Higher Education	A.Intarasit, P.Riyapan, N. Makaje	Prince of Songkla University, ISBN 978-616-485-717-9	
5	2019	Book (in Thai)	A.Intarasit,	Prince of	

		Smart Math in Daily Life,	P.Riyapan,A. Hazanee, T. Pansombut	Songkla University	
6	2017	Modeling the geographic consequence and pattern of dengue fever transmission in Thailand	C. Bekoe, T. Pansombut, P. Riyapan, S. Kakchapati, A. Phon-On	Journal of Research in Health Sciences/ Hamadan University of Medical Sciences	https://pubmed.ncbi.nlm.nih.gov/28676590/
7	2015	Reich type weak contractions on metric spaces endowed with a graph	A. Phon-On, A. Sama-Ae, N. Makaje, P.Riyapan	Fixed Point Theory and Applications/ Springer Nature	DOI:10.1186/s13663-015-0307-4
8	2014	Coincidence point theorems for weak graph preserving multi-valued mapping	A. Phon-On, A. Sama-Ae, N. Makaje, P.Riyapan, S. Busaman	Fixed Point Theory and Applications/ Springer Nature	DOI:10.1186/1687-1812-2014-248
9	2006	Two types of explicit continued fractions	P.Riyapan, V. Laohakosol, T. Chaichana	Periodica Mathematica Hungarica/ Springer Nature	DOI:10.1007/s10998-006-0012-5

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Committee	International Seminar Research Methods in Practice 2021 (RMP2021)	http://st.sat.psu.ac.th/seminar/ResearchMethod2021/index.html
2	2016	Committee	The 13th Thailand Mathematics Olympiad organized by Faculty of Science and Technology, Prince of	http://www.tmo13.sat.psu.ac.th/index.php

			Songkla University	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Good Staff in Teaching	Local	Faculty of Science and Technology	https://www.sat.psu.ac.th/210602-3/
2	2020-2021	PSU Teaching Professional Standards Framework: PSU-TPSF (Professional Teacher)	Local	Prince of Songkla University	
3	2019-2020	PSU Teaching Professional Standards Framework: PSU-TPSF (Fellow Teacher)	Local	Prince of Songkla University	
4	2020	Good Teaching Innovation in the era of covid-19	Local	Prince of Songkla University, Pattani Campus	
5	2018	Good Teaching Management for General Education Course	Local	Prince of Songkla University, Pattani Campus	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Dr. Arinda Ma-a-lee, MS
Affiliation	:	Department of Mathematics and Computer Science, Prince of Songkla University, Pattani Campus
Office Addres	:	181 Jalearnpradit Rd, Rusamilae, Muang, Pattani 94000 THAILAND
e-mail	:	arinda.m@psu.ac.th; nurinda.m@hotmail.com
Phone/WA	:	+66897374319
Field-1	:	Statistics
Field-2	:	Data analytics in public health and social science
ID Scopus	:	22954215600
Web of Science ResearcherID	:	AAX-6381-2020; https://publons.com/researcher/3865592/arinda-ma-a-lee/
ID Orcid	:	https://orcid.org/0000-0002-9645-3754
ID Google Scholar	:	https://scholar.google.com/citations?hl=en&user=3UqQ_KkAAAAJ
h-index WOS	:	5
h-index Scopus	:	10

Short Biography

Education:

Year	Degree	Field	University	Country
2001	B.Sc.	Mathematics	Thaksin University	Thailand
2005	M.S.	Research methodology	Prince of Songkla University	Thailand
2017	PhD.	Research Methodology	Prince of Songkla University	Thailand

Work Experience:

Statistician: Epidemiology unit, Faculty of Medicine, Prince of Songkla University, Hatyai Campus: 2006-2008

Advantages:

R program, SPSS, Epidata, EcStat, MS Word, MS Excel,

Research Interests:

Statistical Modelling, and data analytics, Research methodology and data analytics, Graphical methods: Public health, Social Science, Biostatistics, Environmental, etc.

Positions held:

Lecturer in Statistics: Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus, Thailand: 2008- present

Visiting Positions:

1. Visiting Fellow to pursue research activities in NHMRC Clinical Trials Centre, the University of Sydney Medical School, Australia: 24 February 2015 to 23 May 2015.

2. Visiting Fellow to pursue research activities in NHMRC Clinical Trials Centre, the University of Sydney Medical School, Australia:26 July 2015 to 22 October 2015.

Research and Publication

1) Hiwot D. Tulu, Apiradee Lim, **Arinda Ma-a-Lee**, Kanitta Bundhamcharoen & Nuttapat Makka. (**2020**). Prediction of HIV Mortality in Thailand using Three Data Sets from the National AIDS Program Database. Sains Malaysiana, 49(1): 155-160. **(ISI, SCOPUS)**

2) Suwanro, S., Tongkumchum, P., Choonpradub , C., **Ma-a-lee, A.** & Dureh, N. (**2018**). Socio-economic status of youth non-participation in Yala province: Population-based study using Thailand 2000 census data. *Kasetsart Journal of Social Sciences*. 39(1): 129-34. **(SCOPUS)**

3) **Ma-a-lee A.**, Pipatjaturon N., Tongkumchum., P. (**2018**). Correcting misreported multinomial outcome based on logistic regression model with application to stroke mortality data in Thailand. *Walailak Journal of Science and Technology*, 15(5): 397-408. (SCOPUS)

4) **Ma-a-lee, A.**, Tongkumchum, P., Pipatjaturon, N. (**2018**). A statistical method for comparing stroke death rates in Suphan Buri with Bangkok in 2005. *Al-Nur Journal,* 12(23): 51-65. (TCI)

5) Rongruang, S. ,Watanasak, S. ,**Ma-a-lee, A** .(**2017**) .The study of barriers and needs for doing exercise among Muslim women according to the Muslim way .Academic Journal Institute of Physical of Education , 9)1(: 167-179. (TCI)

6) Pipatjaturon, N., **Ma-a-lee, A.**, Tongkumchum, P., and Auranantasan, A. (**2016**). Estimating liver cancer death in Thailand: methodologies to optimize the use of verbal autopsy data. Far East Journal of Mathematical Sciences (FJMS), 100(10): 1595-1610. (ISI)

7) Wutichai, Permsirivanich., Suttipong, Tipchatyotin., Krisna, Piravej., Uma, Juntawises., Vilai, Kuptniratsaikul. and **Arinda, Ma-A-Lee**.

(**2009**). Factors influencing home modification of stroke patients. *Journal of the Medical Association of Thailand*, 92(1): 101-7. (TCI)

8) Anuntaseree, W., Mo-suwan, L., Ovatlarnporn, C., Tantana, C., and **Ma-a-lee, A.** (**2008**). Exposure to Environmental Tobacco Smoke among Infants in Southern Thailand: A Study of Urinary Cotinine. *Bulletin of Environmental Contamination and Toxicology*, 80:34-7. (ISI, SCOPUS)

9) Anuntaseree, W., Mo-suwan, L., Vasiknanonte, P., Kuasirikul, S., **Ma-a-lee, A.,** and Choprapawon, C. (**2008**). Factors associated with bed sharing and sleep position in Thai neonates. *Child: care, health and development*, 34(4): 482-90. (ISI, SCOPUS)

10) Anuntaseree, W., Mo-suwan, L., Vasiknanonte, P., Kuasirikul, S., **Ma-a-lee, A.**, and Choprapawan, C. (**2008**). Night waking in Thai infants at 3 months of age: Association between parental practices and infant sleep. *Sleep Medicine*, 9: 564-71**.** (ISI, SCOPUS)

11) Anuntaseree, W., Mo-suwan, L., **Ma-a-lee, A.**, and Choprapawan, C. (**2008**). Prevalence and associated factors of passive smoking in Thai infants. *Preventive Medicine*, 47: 443-6. (ISI, SCOPUS)

12) **Ma-a-lee A.**, Tongkumchum P., Choonpradub C., and Kuning M. (**2007**). Factors related to partner abuse among pregnant women in Pattani province. *Journal of Public Health*, 37(1): 46-54.

Proceeding:

1. **Ma-a-lee, A.** (**2015**), A comparison of deaths in Bangkok in 2005 with Japan in 2006, The 3rd international conference on social sciences research 2015 (ICSSR 2015), 8-9 June 2015, Kuala Lumpur, Malaysia.
2. Rodiyah Sama, **Arinda Ma-A-Lee**, Salang Musikasuwan, Thitiworn Choosong. (**2020**). Seasonal Pattern of Air Pollution in Metropolitan Area in the Central of Thailand, During 1995 to 2018. International conference global society for research and development. 5-6 March, 2020, Bangkok, Thailand. (ISI, SCOPUS)

Research Project

Project title	Funding Source	Budget	Year	Position	Project Team
1 .Socio-economic Status of Youth Non-participation in Yala Province	PSU, Pattani Campus	180,000.00	August 2011 July 2013	Member	5
3. The study of barriers and needs for doing exercise among Muslim women according to the Muslim way				Member	
4. Model of juvenile drug offenders in the Observation and Protection Centre of Pattani Province	Faculty of Science and Technology, PSU, Pattani	100,000.00	December 2019-December 2020	Head	2
5. Reactions to Cyber-Bullying among Secondary School and Undergraduate Students in Pattani Province	PSU, Pattani Campus	100,000.00	30 September 2019-29 September 2020	Member	3

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Dr. Tatdow Pansombut
Affiliation	:	Department of Mathematics and Computer Science Faculty of Science and Technology
Office Addres	:	Prince of Songkla University, Pattani Campus 181 Jalearnpradit Rd, Rusamilae, Muang, Pattani 94000 Thailand
e-mail	:	tatdow.pa@psu.ac.th
Phone/WA	:	
Field-1	:	Machine Learning
Field-2	:	Bioinformatics
ID Scopus	:	55575866700
ID Orcid	:	https://orcid.org/0000-0003-0536-0833
ID Google Scholar	:	N/A
h- index Scopus	:	3

Short Biography

Tatdow Pansombut is a lecturer at the Department of Mathematics and Computer Science, Faculty of Science and Technology, Prince of Songkla University Pattani Campus since 2011. She received a Bachelor of Science and Master of Science degrees in Computer Science from Washington University in St. Louis and a Ph.D. in Computer Science from North Carolina State University. Her Ph.D. thesis title is “Advanced Learning Techniques for Improved Inference of Bayesian Belief Networks from Uncertain and High-dimensional Data”

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	Text Mining of Online Job Advertisements to Identify Direct Discrimination during Job Hunting Process: A Case Study in Indonesia	Ningrum, P. K., Pansombut, T., & Ueranantasun	*PLOS ONE, 15*(6), 1-29	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0233746
2	2019	Convolutional neural networks for recognition of lymphoblast cell images	Pansombut, T., Wikaisuksakul, S., Khongkraphan, K. and Phon-on, A.	Computational Intelligence and Neuroscience**.** 2019, 1-12	https://www.hindawi.com/journals/cin/2019/7519603/
3	2018	Mathematical derivations of the energy function and parameter's update rules for a continuous restricted Boltzmann machine	Ma, S., Riyapan, P. and Pansombut, T.	The 23rd Annual Meeting in Mathematics (AMM 2018)	
4	2017	Modeling the geographic consequence and pattern of dengue fever transmission in Thailand	Bekoe, C., Pansombut, T., Riyapan, P., Kakchapati, S. and Phon-On, A.	Journal of Research in Health Sciences. 17. 378–378	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7189915/

5	2011	Biclustering driven ensemble of Bayesian belief network classifiers for underdetermined problems	Pansombut, T., Hendrix, W., Gao, Z. J., Harrison, B. E. and Samatova, N. F	AAAI Press/International Joint Conferences on Artificial Intelligence ISBN 978-1-57735-512-0	https://www.ijcai.org/Proceedings/11/Papers/243.pdf
6	2011	Classification of emerging extreme event tracks in multivariate spatio-temporal physical systems using dynamic network structures: Application to hurricane track prediction	Sencan, H., Chen, Z., Hendrix, W., Pansombut, T., Semazzi, F., Choudhary, A., Kumar, V., Melechko, A. and Samatova, N. F	AAAI Press/International Joint Conferences on Artificial Intelligence ISBN 978-1-57735-512-0	https://www.ijcai.org/Proceedings/11/Papers/249.pdf

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017-Present	Academic committee in Thailand Olympiad in Informatics (TOI)	The Promotion of Academic Olympiad and Development of Science Education Foundation under the patronage of Her Royal Highness Princess Galyani Vadhana Krom Luang Naradhiwas Rajanagarindra	https://www.posn.or.th/en/home-en

2	2019-Present	President of Academic Olympiad in Computer, Faculty of Science and Technology, Prince of Songkla University Pattani Campus Center	Faculty of Science and Technology, Prince of Songkla University Pattani Campus Center	http://www.posn.sat.psu.ac.th/
3	2021-Present	Member of the Reviewer Board	Journal of Integrative Neuroscience	https://jin.imrpress.com/EN/column/column232.shtml

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

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suttida.wongkaew@cmu.ac.th

Education

October 2015 **Doktors der Naturwissenschaften (Dr.rer.nat.)**, Julius-Maximilians-Universität Würzburg, Germany.

March 2011 **Master of Science in Technomathematik**, *Specialization:Modeling and Scientific computing*, Technical University of Kaiserslautern, Germany.

April 2005 **Graduate Diploma (Teaching Profession)**, *Chiang Mai University*, Thailand.

April 2004 **Bachelor of Science in Mathematics(first class honors)**, *Chiang Mai University*, Thailand.

Dissertation

Title *On the control through leadership of multi-agent systems*

Supervisor Prof. Dr. Alfio Borzì

Master Thesis

Title *Multi-level Meshfree Particle Method for solving the Poisson Equations*

Supervisor Prof. Dr. Axel Klar

Graduate Diploma (Teaching Profession) Thesis

Title *A viva improves learning efficiency of students under the standard*

Supervisor Asst. Prof. Suwandee Nimmanpisuit

Bachelor Thesis

Title *The order preserving transformation on N*

Supervisor Prof. Jintana Sanwong

Experiences

Study

Oct 2011- Oct 2015 **PhD Student**, INSTITUTE FOR MATHEMATICS, UNIVERSITÄT WÜRZBURG, Under the supervision of **Prof. Dr. Alfio Borzì**, the research work is aimed at studying the modeling and controllability problems for multi-agent systems where focus on a flocking model. In addition, the presence of a leader in the system has been exploited in order to develop a control strategy for the flocking model to accomplish desired objectives. In collaboration with **Prof. Dr. Marco Caponigro**(Équipe M2N, Conservatoire National des Arts et Metiers, Paris, France), the research work deals with control strategies for the Hegselmann-Krause opinion formation model with leadership. In this system, the control mechanism is included in the leader dynamics and the feedback control functions are determined via a stabilization procedure and with a model predictive optimal control process (MPC). In collaboration with **Prof. Dr. Krzysztof Kulakowski** (Faculty of Physics and Applied Computer Science, AGH University of Science and Technology, Krakòw, Poland), the research work deals with control strategies for the Heider balance model with leadership. The Heider balance model describes the evolution of relationship in a social network. This differential model allows to insert a controlling agent to formulate an optimal control problem with the purpose to drive this model to desired relationship state. In this work, the stability, the local controllability, and the optimal control through leadership of this model are investigated. .

2011-2014 **PhD courses**, INSTITUTE FOR MATHEMATICS, UNIVERSITÄT WÜRZBURG, Germany.

During my PhD I attended the following Lectures:

- Dynamische Systeme und Kontrolltheorie - (Dynamics and Control of linear Systems) - Examiner: Prof. Dr. Fabian Wirth;
- Dynamik und Regelung Nichtlinearer Systems - (Dynamics and Control of Nonlinear Systems) - Examiner: Prof. Dr. Fabian Wirth;

Activities

June 2014 **six weeks working visit to Prof. Dr. Marco Caponigro**, ÉQUIPE M2N, CONSERVATOIRE NATIONAL DES ARTS ET METIERS, PARIS, France.

This work is supported by the European Union under Grant Agreement Nr. 304617 'Multi-ITN STRIKE- Novel Methods in Computational Finance', by the European Science Foundation (ESF) Grant Science Meeting 4540

Workshops and Conferences

2014 **Mini-Workshop in Stochastic Computing and Optimization**, WWCSC - STRIKE - INSTITUTE FOR MATHEMATICS, UNIVERSITÄT WÜRZBURG, *1 - 2 October 2014, Würzburg*, Germany.

2014 **Workshop: Lectures on Numerical Mathematics and Applications**, *(Courses of the series "Lectures on Numerical Mathematics and Applications")* INSTITUTE FOR MATHEMATICS, UNIVERSITÄT WÜRZBURG, *27 - 28 August 2014, Würzburg*, Germany.

2013 **Workshop: ESF OPTPDE Workshop InterDyn2013 Modeling and Control of Large Interacting Dynamical Systems**, UNIVERSITÉ PARIS-DAUPHINE AND CEREMADE (CENTRE DE RECHERCHE EN MATHÉMATIQUES DE LA DÉCISION), *September 10 - 12, 2013, Paris*, France.

2012 **ANTS 2012 : The Eigth International Conference on Swarm Intelligence**, UNIVERSITÉ LIBRE DE BRUXELLES, *12 - 14 September 2012, Brussels* , Belgium.

Talks

Febuary, 18 2015 **Talk: Modeling and control through leadership of the multi-agent system**, *(Part of the "project with Prof. Dr. rer. nat Klaus Schilling from Robotics and Telematics group")* UNIVERSITÄT WÜRZBURG, Würzburg - Germany.

July, 17 2014 **Talk: Modeling and control through leadership of a refined flocking system** , *(Part of the "Joint oberseminar")* UNIVERSITÄT WÜRZBURG, Würzburg - Germany.

June, 04 2014 **Talk: Modeling and control through leadership of the multi-agent system**, ÉQUIPE M2N, CONSERVATOIRE NATIONAL DES ARTS ET METIERS, Paris - France.

September,10 2012 **Talk: Modeling and control through leadership of a refined flocking system**, *Université Paris-Dauphine and Ceremade (Centre De Recherche en Mathématiques de la Décision)*, Paris - France.

Other work experiences

2004 - 2005 **Teacher**, INSTRUCTIONAL RESPONSIBILITY IN MATHEMATICS LECTURE FOR SECONDARY STUDENTS, San Sai School, Chiang Mai, Thailand.

2016-present **Lecturer**, DEPARTMENT OF MATHEMATICS, FACULTY OF SCIENCES, Chiang Mai University, Chiang Mai, Thailand.

Publications

1 Alfio Borzì, and Suttida Wongkaew. *Modeling and control through leadership of a refined flocking system*, Mathematical Models and Methods in Applied Sciences (M3AS) 25.02 (2015): 255-282.

2 Suttida Wongkaew, Marco Caponigro, and Alfio Borzì. *On the control through leadership of the Hegselmann Krause opinion formation model*, Mathematical Models and Methods in Applied Sciences (M3AS) 25.03 (2015): 565-585.

3 Suttida Wongkaew, Marco Caponigro, Krzysztof Kulakowski and Alfio Borzì. *On the control of the Heider balance model*, The European Physical Journal Special Topics (EPJ-ST), 224.17-18 (2015): 3325-3342

Research Grants

Oct 2016-Sep 2017 Modeling and Control of flocking systems (Project Leader), supported by Faculty of Sciences, Chiang Mai University, Thailand

Oct 2016-Sep 2018 Atmospheric Modeling Related to Northern Thailand Utilizing Control Theory, Efficient Numerical Scheme and Large-scale Optimization Techniques (Project member), supported by Centre of Excellence in Mathematics, Faculty of Science at Mahidol University, Thailand

Feb 2019-Jan 2020 Stability and control of multí-agent system with time varying delay (Project Leader), Supported by Faculty of Sciences, Chiang Mai University, Thailand

Awards and scholarships

2006-2015 Scholarship: Higher Education Strategic Scholarship for Frontier research Network, awarded by the Commission on Higher Education and Royal Thai Government, Thailand

Oct 2006 - Mar 2007 Scholarship for learning German courses at Goethe-Institute, Mannheim, Germany, awarded by Deutscher Akademischer Austausch Dienst (DAAD), Germany

2004 Awards: First class honors (silver medal), B.Sc. in mathematics, Chiang Mai University, Thailand

2000-2004 Awards: Academic excellence award for academic year, Chiang Mai University, Thailand

1997-2005 Scholarship : Promotion of Science and Mathematics talent Teacher(PSMT), awarded by the Institute for Promotion of teaching Science and Technology (IPST), Thailand

Extracurricular activities

A member of dormitory committee *Chiang Mai University, Thailand*

A member of student's union committee *Chiang Mai University, Thailand*

Accountant and Coordinator *Thai Studenten-Verein in Deutschland(TSVD), Germany*

Accountan *Borijak non-profit organization, Germany*

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name: Piyashat Sripratak

Affiliation: Department of Mathematics,
Faculty of Science,
Chiang Mai University
email: psripratak@gmail.com

Education

2015 Ph.D. (Mathematics), Simon Fraser University, Canada.
2010 M.Math (Combinatorics & Optimization), University of Waterloo, Canada.
2006 B.Sc (Mathematics), Chulalongkorn University.

Research Papers

2020 P. Sripratak. Worst case analysis of nearest neighbour algorithms for the minimum weight directed k – cycle problem. Thai Journal of Mathematics 4: 1881 – 1894.

2020 T. Chalarux and P. Sripratak. Worst case analyses of nearest neighbor heuristic for finding the minimum weight k – cycle. The Current Applied Science and Technology (CAST) 20(2): 178-185.

2015 A. Punnen, P. Sripratak and D. Karapetyan. Average value of solutions for the bipartite boolean quadratic programs and rounding algorithms. Theoretical Computer Science 565: 77 – 89.

2015 A. Punnen, P. Sripratak and D. Karapetyan. The bipartite unconstrained 0 – 1 quadratic programming problem: Polynomially solvable cases. Discrete Applied Mathematics 193: 1 – 10.

2013 A. Punnen, P. Sripratak and D. Karapetyan. Domination analysis of algorithms for bipartite boolean quadratic programs. Fundamentals of Computation Theory 2013, Lecture Notes in Computer Science 8070: 271 – 282.

Conference Presentations

2018 "Worst case analysis of nearest neighbour algorithms for the minimum weight directed k – cycle problem" P. Sripratak, The 21st Japan Conference on Discrete and Computational Geometry, Graphs, and Games, Manila, Philippines.

2016 "The bipartite boolean quadric polytope" P. Sripratak, A. Punnen and T. Stephen The 21st Annual Meeting in Mathematics (AMM 2016) & Annual Pure and Applied Mathematics Conference 2016 (APAM 2016), Bangkok, Thailand.

2014 "Complexity and solvable cases of the bipartite Boolean quadratic programs" A. Punnen, P. Sripratak and D. Karapetyan, The 56th Canadian Operational Research Society Annual Conferences, Ottawa, Canada.

2013 "Domination analysis of algorithms for bipartite boolean quadratic programs" A. Punnen, P. Sripratak and D. Karapetyan, 19th International Symposium on Fundamentals of Computation Theory, Liverpool, United Kingdom.

2013 "The bipartite boolean quadric polytope" P. Sripratak, The 55th Canadian Operational Research Society Annual Conferences, Vancouver, Canada.

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Dr. Ploy Naruemon Pratanwanich
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ID Orcid	:	https://orcid.org/0000-0003-3684-6967
ID Google Scholar	:	YXIN75AAAAAJ
h- index Scopus	:	7

Short Biography

Ploy Naruemon Pratanwanich is a Faculty Member of the Department of Mathematics and Computer Science at Chulalongkorn University. She joined the University in 2017 after obtaining her PhD from the University of Cambridge. She has also worked with pioneering institutions including GSK, EBML-EBI, Sanger, Biogen, Takeda, on the Open Targets platform, an integrated data-driven target validation platform for drug discovery. In addition to the medical and pharmaceutical applications, she has applied machine learning techniques especially deep neural networks in other fields such as natural language processing, signal processing, finance, and property tech. Recently, she has expanded her research to quantum-inspired machine learning techniques and optimisations for quantum computing in the foreseeable future.

Research and Publication

Pratanwanich's main research focuses on the design and development of machine learning techniques for medical and bioinformatics applications as well as other fields.

Her list of Publications can be found at:

https://scholar.google.com/citations?hl=th&user=YXIN75AAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2019	Lukthung Classification Using Neural Networks on Lyrics and Audios	K Kamtue, K Euchukanonchai, D Wanvarie, N Pratanwanich	23rd International Computer Science and Engineering Conference (ICSEC) / IEEE	https://ieeexplore.ieee.org/abstract/document/8974740
2	2016	Warped matrix factorisation for multi-view data integration	N Pratanwanich, P Lió, O Stegle	Joint European conference on machine learning and knowledge discovery in databases / Springer	https://link.springer.com/chapter/10.1007/978-3-319-46227-1_49
3	2015	A hybrid of metabolic flux analysis and bayesian factor modeling for multiomic temporal pathway activation	C Angione, N Pratanwanich, P Lió	ACS synthetic biology / American Chemical Society	https://pubs.acs.org/doi/abs/10.1021/sb5003407
4	2014	Pathway-based Bayesian inference of drug–disease interactions	N Pratanwanich, P Lió	Molecular BioSystems / Royal Society of Chemistry	https://pubs.rsc.org/en/content/articlehtml/2014/mb/c4mb00014e
5	2014	Exploring the complexity of pathway–drug relationships using latent Dirichlet allocation	N Pratanwanich, P Lio	Computational biology and chemistry / Elsevier	https://www.sciencedirect.com/science/article/pii/S1476927114000098X

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2017-Now	Faculty member	Chulalongkorn University,Ban	

			gkok, Thailand	
2	2018-2020	Postdoctoral fellow	Genome Institute of Singapore (GIS), Singapore	
3	2015-2017	Researcher	European Molecular Biology Laboratory, European Bioinformatics (EMBL-EBI), Cambridge, UK.	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: THAILAND

Name	:	Tippawan Santiwipanont
Affiliation	:	Chulalongkorn University
Office Addres	:	Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University
e-mail	:	Tippawan.S@chula.ac.th
Field-1	:	Mathematical Statistics
Field-2	:	Copula Theory
ID Orcid	:	0000-0002-5869-731X
h- index Scopus		3

Short Biography

2003 M.A. in Mathematical Statistics, University of Maryland at College Park, MD, USA

1999 M.A. in Mathematics, University of Louisville, KY, USA

1995 B.Sc. in Mathematics, Chulalongkorn University, Bangkok, Thailand

Research and Publication

2020: Extremality and Factorizability of Markov Operators, Printechapat, Santiwipanont and Sumetkijakan*; Journal of Mathematical Analysis and Applications. 491, 124361.

2019: Benfordness of Chains of Truncated Beta Distributions via a Piecewise Constant Approximation, Santiwipanont, Sumetkijakan and Wiriyakraikul*; In: Kreinovich V., Sriboonchitta S. (eds) Structural Changes and their Econometric Modeling. TES 2019. Studies in Computational Intelligence, vol 808, 342–351. Springer, Cham

2016: Patched Approximations and Their Convergence, Chaidee, Santiwipanont* and Sumetkijakan; Communications in Statistics - Theory and Methods. 45(9), 2654–2664.

2015: Dependence Measuring from Conditional Variances, Kamnitui, Santiwipanont and Sumetkijakan*; Dependence Modeling. 3(1), 98–112.

2015: Local Kendall's Tau 2015, Buthkhunthong, Junchuay, Ongeera, Santiwipanont and Sumetkijakan*; Studies in Computational Intelligence. Vol. 583: Econometrics of Risk, 161–169.

2013: Shuffles of Copulas and a New Measure of Dependence, Ruankong, Santiwipanont* and Sumetkijakan; Journal of Mathematical Analysis and Applications 398(1), 392–402.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2013	Shuffles of Copulas and a New Measure of Dependence	Ruankong, Santiwipanont* and Sumetkijakan	Journal of Mathematical Analysis and Applications	https://doi.org/10.1016/j.jmaa.2012.08.061
2	2016	Patched Approximations and Their Convergence	Chaidee, Santiwipanont* and Sumetkijakan	Communications in Statistics - Theory and Methods	https://doi.org/10.1080/03610926.2014.887112
3	2015	Dependence Measuring from Conditional Variances	Kamnitui, Santiwipanont and Sumetkijakan	Dependence Modeling	https://doi.org/10.1515/demo-2015-0007
4	2020	Extremality and Factorizability of Markov Operators	Printechapat, Santiwipanont and	Journal of Mathematical	https://doi.org/10.1016/j.jmaa.2020.124361

			Sumetkijakan	Analysis and Applications	

CURRICULUM VITAE WOMEN MATHEMATICIAN
COUNTRY : VIETNAM

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: VIETNAM

Name : Le Thanh Nhan
Affiliation : Ministry of Education and Training, Vietnam
Office : lttnhan@moet.gov.vn
Addres
e-mail : -
Phone/WA : 0965641636 (mobile phone number)

Field-1 : Algebra
Field-2 : Mathematics Education
ID Scopus : -
ID Orcid : -
ID Google Scholar : -https://scholar.google.com/citations?user=xNo6EYAAAAJ&hl=vi&oi=sra
h- index Scopus :

Short Biography

Le Thanh Nhan was born in 1970 in Vietnam. Nhan became a lecturer in Mathematics of Thai Nguyen College of Education in 1990 when she was 20 years old. She got her master degree at Hanoi University of Education in 1995, PhD degree at Hanoi Institute of Mathematics in 2001.

Nhan had worked as the head of Academic Department of Thai Nguyen College of Science from 2002 to 2009, Vice Rector of this College from 2009 to 2016 and Rector from 2016 to 2018. Then she has been working as a Director General of Vietnam Ministry of Education and Training since January 2019 till now.

Nhan has been conferred the title of Associate Professor in 2005, the title of Full Professor in 2015 and become one of the two women in the history of Vietnam receiving the title of Full Professor in mathematics (the first woman of Vietnam getting this title is Hoang Xuan Sinh, born in 1933, a former PhD student of A. Grothedick during the years 1970s').

Research and Publication

Le Thanh Nhan's research field is Commutative Algebra. She is interested in the topics on local cohomology and structure of modules over commutative rings (Noetherian modules, Artinian modules, linearly compact modules).

Nhan has published 39 research articles on international reputed journals of mathematics, among them there are articles on Journal of Algebra, Proceedings of the American Mathematical Society, Journal of Pure and Applied Algebra, Journal of Mathematical Society of Japan, Communications in Algebra,… which attract the interests and citations of international researchers.

Following Mathscinet in May 2021, Nhan's MR Author ID is 656668 with h-index 9 and 292 citations.

Because of the above achievement, Nhan has received the Scientific Award given by Hanoi Institute of Mathematic in 2007. This highly-reputed national award is given every two years to at most two mathematicians of Vietnam, who are under the age of 40. Nhan was awarded the Kovalevskaia Prize in 2011. This precious prize was founded in 1985 by prof. Neal Koblitz and his wife to honour women scientists in developing countries.

Nhan was selected to be a junior associate member from 2002 to 2007 and a regular associate member from 2009 to 2016 to do research at ICTP (Trieste, Italy). She has been selected to be a member of Scientific Committee in Mathematics for the terms 2009-2012, 2012-2015, 2015-2017 of Vietnam National Foundation for Science and Technology Development.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2019	Non Cohen–Macaulay locus of canonical modules	L.T. Nhan (with T.N. An, L.P. Thao)	*J. Algebra* 525 (2019), 435-453	https://doi.org/10.1016/j.jalgebra.2019.01.033
2	2019	A uniform bound of reducibility index of good parameter ideals for certain class of modules	L.T. Nhan (with T.D. Dung)	*J. Pure Appl. Algebra* 223 (2019), 39643979	https://doi.org/10.1016/j.jpaa.2018.12.014
3	2018	On sequential polynomial type of modules	L.T Nhan (with S. Goto)	*J. Math. Soc. Japan* 70 (2018), 365385	https://doi.org/10.2969/jmsj/07017535
4	2016	A measure for non sequential CohenMacaulayness of finitely generated modules	L.T. Nhan (with T.D. Dung, T.D.M. Chau)	*J. Algebra* 468 (2016), 275-295	https://doi.org/10.1016/j.jalgebra.2016.08.028

5	2012	On canonical Cohen-Macaulay modules	L.T. Nhan (with M. Brodmann)	*Journal of Algebra* 371 (2012), 480491	https://doi.org/10.1 016/j.jalgebra.201 2 .09.002
6	2006	A remark on the monomial conjecture and Cohen-Macaulay canonical modules	L. T. Nhan	*Proc. A.M.S.* 134 (2006) 2785-2794	https://www.jstor.org /stable/4098132

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016-now	Ambassador of CWM for Vietnam	Committee for Women in Mathematics, IMU	https://www.math union.org/cwm
2	2008-2013; 2018-2023	Member of Executive Committee	Vietnam Mathematical Society (VMS)	http://www.vms.or g.vn/index.php/vi/
3	2002-2018	Head of Academic Department (2002-2009), Vice Rector (2009-2016), Rector (2016-2018)	Thai Nguyen College of Science	http://www.tnus.e du.vn/
4	2019-now	Director General	Ministry of Training and Education	https://www.moet. gov.vn
5	2009-2012; 2012-2015; 2015-2017	Member of Scientific Committee in Mathematics	Vietnam National Foundation for Science and Technology Development	https://nafosted.g ov.vn/

The best five awards including research grant and/or copyright

Number	Year	Award	National/ International	Award Giving Organization	Link (if any)
1	2011	Kovalevskaia Award	National	(Kovalevskaia Foundyt his was established in Vietnam in 1985 b Prof. Neal Koblitz and his) wife	https://kovfund.or g/
2	2007	The Scientific Prize of Institute of Mathematics (Vietnam)	National	Institute of Mathematics (Vietnam)	http://math.ac.vn/ en/
3	2002-2014	Junior associate member (2002-2007); Regular associate member (2009-2014)	International	ICTP, Triest, Italy	https://www.ictp.it
4	2000-2004	Academic Research Grants	International	ForMath Vietnam; Institute Fourier (Grenoble, France)	https://wwwfourier.uj fgrenoble.fr/
5	2009-2020	Projects in the basic research in natural sciences	National	Vietnam National Foundation for Science and Technology Development	https://nafosted.g ov.vn/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: VIETNAM

Name	: Prof. Dr. NGUYEN THI DUNG
Affiliation	: Faculty of Basic Science, Thai Nguyen College of Agriculture and Forestry, Thai Nguyen University
Office Addres	: Thai Nguyen city, Thai Nguyen Province, Vietnam
e-mail	: nguyenthidung@tuaf.edu.vn
Phone/ WA	: +84 912050764
Field-1	: Algebra
Field-2	: Probability and Statistics
ID Google Scholar	: https://scholar.google.com/citations?hl=vi&view_op=list_works&gmla=AJsN-F4Z2UF9WJp0pHi3ldsqFpjVradRxSN9MAyIn6JNmlyG1bFO9JQ m9BytiTLtUOgkt7Tb6tZPOC-6172seBfYbCV_ rZahsgxPnTM-Q0-mIIosYx9XQobs0quNt_Syu6uxsSuvPg4vGVkzvQaAcREKIAA9kGzTmg&user=Jtwa5nIAAAAJ

h-index Scopus :

Short Biography

Nguyen Thi Dung is a Professor of Algebra and Number Theory at Faculty of Basic Science, Thai Nguyen College of Agriculture and Forestry, Thai Nguyen University, Vietnam since 2014. She was born on July, 5, 1964. She got her master degree at Thai Nguyen University of Education in 2001, PhD degree at Hanoi Institute of Mathematics in 2007 with the Ph.D. thesis entitled The structure of some classes of Artinian module over commutative rings. She now focuses on teaching and research in Statistics and Commutative Algebra.

Dung has won awards Certificate of Merit granted by the Ministry of Education and Training for outstanding achievements in scientific research in the period of 2006-2010; Academic Research

Grants from ForMath Vietnam, Institute Fourier (Grenoble, France) in 2004, 2016 and 2019; Academic Research Grants from University of California (2011); Academic Research Grants from Vietnam Institute for Advanced Study in Mathematics (2013).

Dung also has experiences in the organization as an expert of Scientific Management and International Relation of Thai Nguyen University (from 2000 to 2007); Dean of Faculty of Basic Science of Thai Nguyen College of Agriculture and Forestry, Thai Nguyen University (from 2008 to 2019).

Research and Publication

Nguyen Thi Dung's research field is Commutative Algebra. She is interested in the topics on structure of modules over commutative rings (Noetherian modules, Artinian modules) and irreducible decompositions of powers of edge ideals.

Dung is a manager of five projects under the grant funded by the Ministry of Education and Training. She is also a member of three projects supported by

Vietnam's National Foundation for Science and Technology Development

(NAFOSTED) under grant numbers: 101.101.04; 101.04-2017.14. and 101.04-2019.309.

Dung has published 16 research articles on international reputed journals of mathematics, among them there are articles on Journal of Algebra, Journal of Algebra and Its Applications, Journal of Mathematical Society of Japan, Communications in Algebra,… which attract the interests and citations of international researchers.

Because of the above achievement, *Dung has received* Certificate of Merit granted by the Ministry of Education and Training for outstanding achievements in scientific research in the period of 2006-2010;

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Irreducible decomposition of powers of edge ideals	Marcel Morales Nguyen Thi Dung	Journal of Algebra, Volume 556, 315339	https://www.sciencedirect.com/science/article/abs/pii/S0021869320301101
2	2019	Critical paired dominating sets and irreducible decompositions of powers of edge ideals	Nguyen Thi Dung, Nguyen Thi Thanh Tam, Hoang Le Truong, Hoang Ngoc Yen	Acta Mathematica Vietnamica, Volume 44 (3), 587-601.	https://link.springer.com/article/10.1007/s40306-018-0273-0

3	2018	Topics on sequentially CohenMacaulay modules	Naoki Taniguchi, T ran Thi Phuong, Ng uyen Thi Dung, Tran Nguyen An	J. Commutative Algebra 10(2) : 295-304.	https://projecteuclid.org/journals/journal-of-commutativealgebra/volume10/issue-2/Topics-onsequentially-CohenMacaulay modules/10.1216/JCA2018-10-2-295.short
4	2017	Sequentially Cohen–Macaulay Rees algebras	Naoki Taniguchi, T ran Thi Phuong, Ng uyen Thi Dung, Tran Nguyen An	Journal of the Mathematical Society of Japan, Volume 69 (1), 293-309	https://www.jstage.jst.go.jp/article/jmath/69/1/69_293/_article/char/ja/#
5	2016	Castelnuovo–Mumford regularity and Segre– Veronese transform	Marcel Morales and Nguyen Thi Dung	Journal of Algebra and Its Applications, Volume 15 (06)	https://www.worldscientific.com/doi/abs/10.1142/S0219498816501564
6	2018	On the type and generators of monomial curves	Nguyen Thi Dung	Turkish Journal of Mathematics, Volume 42 (5), 21122124	https://journals.tubitak.gov.tr/math/abstract.htm?id=23265

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2000-2007	Expert of Scientific Management and International Relation	Thai Nguyen University	http://www.tnu.edu.vn/
2	2008-2019	Dean of Faculty of Basic Science	Thai Nguyen College of Agriculture and Forestry, Thai Nguyen University	http://tuaf.edu.vn/

The best five awards including research grant and/or copyright

Number	Year	Award	National/ International	Award Giving Organization	Link (if any)
1	2004;	Academic Research Grants	International	ForMath Vietnam; Institute Fourier (Grenoble, France)	https://wwwfourier.ujfgrenoble.fr/
2	2011	Certificate of Merit for outstanding achievements in scientific research in the period of 2006-2010	National	Ministry of Education and Training	https://moet.gov.vn/Pages/home.aspx
3	2011	Academic Research Grants	International	University of California, American	https://www.ucdavis.edu/
4	2013	Academic Research Grants	National	Vietnam Institute for Advanced Study in Mathematics (VIASM)	https://viasm.edu.vn/
5	2016; 2019	Academic Research Grants	International	Institute Fourier (Grenoble, France)	https://wwwfourier.ujfgrenoble.fr/
6	2015-2021	Projects in the **basic research in natural sciences**	National	Vietnam National Foundation for Science and Technology Development (NAFOSTED)	https://nafosted.g/

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	: TA THI HOAI AN
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Office Addres	: 18 Hoang Quoc Viet, Cau Giay, Ha noi
e-mail	: tthan@math.ac.vn
Phone/WA	: -
Field-1	: Mathematics
Field-2	: Number Theory
ID Scopus	57196039895
ID Google Scholar	: XC3oKRYAAAAJ
h-index Scopus	6

Short Biography

Ta Thi Hoai An is Associate Professor of Institute of Mathematics, Vietnam Academy of Science and Technology since 2005. She was born in Vietnam on October 24, 1972. She got a Ph.D. degree in Vinh University, Vietnam in the year 2001 and Doctor of Science in Clermont-Ferrand, France in 2014. She spent three year as a postdoc in Academy Sinica, Taiwan from 20012004. She became associate professor in 2009 and now is head of Number Theory Department, Institute of Mathematics, Vietnam Academy of Science and Technology.

Ta Thi Hoai An has won the award for Vietnamese young Mathematicians in 2009 and The Humboldt Research Fellowship for experienced researcher in 2009. She has been PI for four projects from NAFOSTED (National Foundation for Science & Technology Development.).

She has been advisor of three Ph.D students and more than 20 master students.

Research and Publication

She has published 32 publications in Mathematics Journals which are listed by https://mathscinet.ams.org/mathscinet Her list of Publications can be found at:

https://scholar.google.com/citations?hl=en&user=XC3oKRYAAAAJ

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	A Lemma about Meromorphic Functions Sharing a Small Function	An, Ta Thi Hoai; Phuo ng, Nguyen Viet	*Computational Methods and Function Theory* (2021)	
2	2020	A note on Hayman's conjecture	An, Ta Thi Hoai; Phuo ng, Nguyen Viet	*Internat. J. Math.* 31 (202 0), no. 6, 2050048, 10 pp.	
3	2013	Generalized Büchi's problem for algebraic functions and meromorphic functions	An, Ta Thi Hoai; Huan g, HsiuLien; Wan g, Julie Tzu-Yueh	*Math. Z.* 273 no. 12, 95–122.	
4	2007	Unique range sets and uniqueness polynomials for algebraic curves	An, Ta Thi Hoai; Wan g, Julie Tzu-Yueh	*Trans. Amer. Math. Soc.* 359 , no. 3, 937–964.	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018-now	Head of department	Institute of Mathematics	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2009	The award for Vietnamese young Mathematicians	Vietnam	Institute of Mathematics, Vietnam Academy of Science and Technology	
2	2009	The Humboldt Research Fellowship for experienced researcher	Germany	Humboldt foundation	
3	2018	Về chỉ số Nevalinna cho đường cong chỉnh hình và một số ứng dụng	Vietnam	NAFOSTED	
4	2016	Lý thuyết phân bố giá trị và một số ứng dụng	Vietnam	NAFOSTED	
5	2014	Các bài toán Buchi, Hensley cho các hàm phân hình và một số vấn đề liên quan	Vietnam	NAFOSTED	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name : Assoc. Prof. Dr. Nguyen Thi Thu Thuy, MS

Affiliation : School of Applied Mathematics and Informatics,
Hanoi University of Science and Technology, Hanoi, Vietnam

Office Address : 1, Dai Co Viet, Hai Ba Trung, Hanoi, Vietnam

e-mail : thuy.nguyenthithu2@hust.edu.vn, thuthuy220369@gmail.com

Phone/WA : +84912211858

Field-1 : Numerical Optimization

Field-2 : Ill-Posed Problem, Variational Inequality Problem

ID Google Scholar : https://scholar.google.com/citations?user=y13nDAEAAAAJ&hl=vi

h-index 5

Short Biography

Nguyen Thi Thu Thuy is Associate Professor of Mathematics at Thai Nguyen University in 2016-2018 and at the Department of Applied Mathematics, School of Applied Mathematics and Informatics, Hanoi University of Science and Technology, Vietnam since 2018. She was born in Thai Nguyen, Vietnam on March 22, 1969. She got a Ph.D. degree in Mathematics in Vietnam in the year 2008 with the Ph.D. thesis entitled Regularization Methods for Ill-Posed Nonlinear Problems. She now

focuses on research and research supervision in Ill-Posed Problem, Variational Inequality Problem, and some related problems.

Assoc. Prof. Thuy had experience in the organization as a Head of the Department of Mathematics and Informatics, Thai Nguyen University in 20082018.

Research and Publication

Associate Professor Thuy's research is on Numerical Optimization and Applications. Her mathematical works have been published in national and international journals and books. Her list of Publications can be found at:

https://scholar.google.com/citations?user=y13nDAEAAAAJ&hl=vi

The best five recent publications in journals and /or books

Number	Year	Title	Author(s)	Journal /Publisher	Link
1	2021	A strong convergence theorem for an iterative method for solving the split variational inequalities in Hilbert spaces	N.T.T. Thuy	Vietnam Journal of Mathematics	https://doi.org/10.1007/s10013-02100476-w
2	2020	A hybrid method for solving variational inequalities over the common fixed point sets of infinite families of nonexpansive mappings in Banach spaces	N.T.T. Thuy, P.T Hieu	Optimization	https://doi.org/10.1080/02331934.2019.1647201
3	2019	Convergence of a hybrid viscosity approximation method for finding zeros of m-accretive operators	N.T.T. Thuy, P.T. Hieu, J.J. Strodiot	Numerical Algorithms	https://doi.org/10.1007/s11075-019-00740-8
4	2016	A new explicit iteration method for a class of	N. Buong, N.S. Ha, N.T.T. Thuy	Numerical Algorithms	https://doi.org/10.1007/s11075-015-0056-9

		variational inequalities			
5	2016	Regularization methods for accretive variational inequalities over the set of common fixed points of nonexpansive semigroups	N.T.T. Thuy, P.T. Hieu, J.J. Strodiot	Optimization	https://doi.org/10.1080/02_331934.2016._1166501

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2012	Member	Series "International Conference on High Performance Scientific Computing"	http://hpsc.iwr.uni-heidelberg.de/HPSCHanoi2012
2	2015	Member	Series "International Conference on High Performance Scientific Computing"	http://hpsc.iwr.uni-heidelberg.de/HPSCHanoi2015
3	2018	Member	Series "International Conference on High Performance Scientific Computing"	http://hpsc.iwr.uni-heidelberg.de/HPSCHanoi2018
4	2012now	Member	Series "Workshop on Optimization and Scientific Computing"	http://129.206.106.210/OptiSciCom21
5	2008-2018	Dean	Department of Mathematics and Informatics, Thai Nguyen University, Vietnam	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National / International	Award Giving Organization	Link (if any)
1	2006-2007	Academic Research Grant	National	Ministry of Education and Training of Vietnam	

2	2009-2010	Academic Research Grant	National	Ministry of Education and Training of Vietnam	
3	2011-2013	Academic Research Grant	National	Ministry of Education and Training of Vietnam	
4	2014-2015	Academic Research Grant	National	Ministry of Education and Training of Vietnam	
5	2018-2019	Academic Research Grant	National	Ministry of Education and Training of Vietnam	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name : Dr. Nguyen Thi Toan

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e-mail : toan.nguyenthi@hust.edu.vn

Phone/WA : +84946709986

Field-1 : Optimization theory

Field-2 : Optimal control

ID Scopus : 35218245200

ID Orcid : orcid.org/0000-0001-5876-7907

ID Google Scholar : https://scholar.google.com/citations?user=qaK9FJ4AAAAJ&hl=vi

h- index Scopus: 7

Short Biography

Nguyen Thi Toan was a Lecturer at Department of Mathematics, Vinh University, Vietnam from June 2002 to July 2014. She is a Lecturer and also a Researcher at School of Applied Mathematics and Informatics, Hanoi University of Science and Technology, Vietnam since August 2014. She was born in Nghean Province on September 15, 1976. She got a Ph.D. degree in Mathematical Analysis in Vinh University, Vietnam in the year 2012 with the Ph.D. thesis entitled The Optimal Value Function and the Solution Map to Parametric Optimal Control Problems. She now focuses on

research and research senior member in Group of Optimality Conditions and Numerical Method for Multi-objective Optimal Control Problems and Their Applications for Electric Vehicles.

Doctor Toan has won fellowships in 2011 for Graduate Study and in 2012, 2013, 2015 for Post-doctoral from the Department of Applied Mathematics, The National Sun Yat-sen University, Kaohsiung, Taiwan. She also has won fellowships from the Vietnam Institute for Advanced Study in Mathematics, Hanoi, Vietnam for Junior Researcher in 2014 and Post-doctoral fellowships in 2017, 2018. Besides, She also has won awards of Vietnam Institute for Advanced Study in Mathematics for the best papers in high-ranking journals in 2014, 2015, 2016, 2018.

She is a supervisor of some PhD students. They have a team studying and working with optimal control problems. They have seminars on optimal control monthly. She used to be a head of a project which were funded by Vietnam Academy of Science and Technology as well as National Foundation for Science and Technology Development.

Research and Publication

Her research area consists of Nonlinear and Variational Analysis, Optimization theory, and Optimal control governed by ODEs. She published 21 papers in prestigious journals with 11 of them are of SCIE-Q1.

Her list of Publications can be found at:

https://scholar.google.com/citations?user=qaK9FJ4AAAAJ&hl=vi

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Sensitivity analysis of multi-objective optimal control problems	**N. T. Toan** and L. Q. Thuy	Applied Mathematics and Optimization	https://link.springer.com/article/10.1007/s00245-02109755-x
2	2021	Second-order KKT optimality conditions for multiobjective discrete optimal control problems	**N. T. Toan**, L. Q. Thuy, N. V. Tuyen and Y-B. Xiao	Journal of Global Optimization, 79, 203-231.	https://link.springer.com/article/10.1007/s10898-020-00935-7

3	2017	On the no-gap second-order optimality conditions for a discrete optimal control problem with mixed constraints	L. Q. Thuy, B. T. Thanh and **N. T. Toan**	Journal of Optimization Theory and Applications, 173, 421-442.	https://link.springer.com/article/10.1007/s10957-017-1094-3
4	2016	Second-order necessary optimality conditions for a discrete optimal control problem with mixed constraints	**N. T. Toan** and L. Q. Thuy	Journal of Global Optimization, 64, 533-562	https://link.springer.com/article/10.1007/s10898-015-0333-0
5	2016	Subgradients of the Value Function in a Parametric Convex Optimal Control Problem	L. Q. Thuy and **N. T. Toan**	Journal of Optimization Theory and Applications, 170, 43–64	https://link.springer.com/article/10.1007/s10957-016-0921-2

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2016-2018	Head of the project	Vietnam National Foundation for Science and Technology Development (NAFOSTED)	Some selected problems in optimal control

2	2011-2013	PhD Student	Vietnam National Foundation for Science and Technology Development (NAFOSTED)	Qualitative studies for optimal control problems governed by ordinary differential equations and partial differential equations
3	2009-2011	PhD Student	Vietnam National Foundation for Science and Technology Development (NAFOSTED)	Qualitative studies for generalized equations and nonlinear optimal problems
4	2010	Head of the project	Vinh University	Subgradients of the value function to a parametric optimal control problem

The best five awards including research grant and/or copyright

Number	Year	Award	Local/ National/ International	Award Giving Organization	Link (if any)
1	2014, 2015, 2016, 2018	Award for the best papers in highranking journals	Vietnam	Vietnam Institute for Advanced Study in Mathematics	2014: 6178/QĐBGĐT; 2015: 6330/QĐBGĐT; 2016: 3028/QĐBGĐT; 2018: 100/QĐVNCCCT;

2	2018	Post-doctoral fellowship	Vietnam	Vietnam Institute for Advanced Study in Mathematics, Hanoi	
3	2017	Post-doctoral fellowship	Vietnam	Vietnam Institute for Advanced Study in Mathematics	
4	2015	Post-doctoral fellowship	Taiwan	Department of Applied Mathematics, The National Sun Yat-sen University	
5	2013	Post-doctoral fellowship	Taiwan	Department of Applied Mathematics, The National	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	: Dr. Le Hai Yen
Affiliation	: Department of Optimization and Control, Institute of Mathematics, Vietnam Academy of Science and Technology.
Office Addres	: 18 Hoang Quoc Viet Road, Hanoi, Vietnam.
e-mail	: lhyen@math.ac.vn; yenlhp@gmail.com
Phone/WA	: +84 786662296
Field-1	: Optimization and Control
Field-2	: Variational Analysis
ID Scopus	:
ID Orcid	: https://orcid.org/0000-0002-6725-6567
ID Google Scholar	: 7fH0OC0AAAAJ&hl=vi
h-index Google Scholar	: 6

Short Biography

Le Hai Yen was born in Haiphong, Vietnam on August 17th, 1987. She studied Applied Mathematics in University of Toulouse 3 (France) and finished her PhD thesis entitled "A variational look at the rank function: Convex Relaxation; Generalized Subdifferentiation; Moreau's Regularization approximation" in May, 2013. She has been a researcher in Department of Optimization and Control, Institute of Mathematics, Vietnam Academy of Science and Technology since November, 2013.

Her main research interests are theory and algorithms for convex and nonconvex optimization, numerical methods for equilibrium problems.

Research and Publication

Dr Le Hai Yen has published 10 papers in national and international journals. Her list of

Publications can be found at:

https://mathscinet.ams.org/mathscinet/search/publications.html?pg1=IID&s1= 982157

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	A subgradient method for equilibrium problems involving quasiconvex bifunctions	Le Hai Yen and Le Dung Muu	Operations Research Letter	https://www.sciencedirect.com/science/article/pii/S0167637720301048
2	2019	A subgradient algorithm for a class of nonlinear split feasibility problems: application to jointly constrained Nash equilibrium models	Le Hai Yen, Le Dung Muu and Nguyen Thi Thanh Huyen	Journal of Global Optimization	https://link.springer.com/article/10.1007/s10898-018-00735-0
3	2019	Stability analysis of linear polytopic descriptor systems using a novel copositive	Le Hai Yen and Vu Ngoc Phat	IEEE Transactions on Automatic Control	https://ieeexplore.ieee.org/document/8657755

		matrix approach			
4	2013	A variational approach of the rank function	Le Hai Yen and JeanBaptiste HiriartUrruty,	TOP	https://link.springer.com/article/10.1007/s11750013-0283y#page-1
5	2013	Generalized subdifferentials of the rank function	Le Hai Yen	Optimization Letters	https://link.springer.com/article/10.1007/s11590-012-0456-x

The organization experiences

Number	Year	Position	Organization	Link (if any)
1	2019	Member	Spring school on Optimization and Algorithms in Dynamic Environments	http://icrtm.vast.vn/en_US/springschool-onoptimization-andalgorithms-indynamicenvironments
2	2016	Member	Workshop on *Optimization* and *Scientific Computing*	http://hpsc.iwr.uni-heidelberg.de/OptiSciCom16/detailedinfos.php

The awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2018-2019	Postdoc Fellowship	National	Vietnam Institute for Advanced Study in Mathematics	

2	2016	Prize from "National Program for the Development of Mathematics until 2020 (NPDM)" for research papers	National	National Program for the Development of Mathematics until 2020	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	: Dr. Le Thi Thuy
Affiliation	: Department of Mathematics, Electric Power University
Office Addres	: 235 Hoang Quoc Viet, Bac Tu Liem, Ha Noi, Viet Nam
e-mail	: thuylt@epu.edu.vn
Phone/WA	: +84982475456
Field-1	: PDEs
ID Orcid	: 0000-0001-9292-315X
h- index Scopus	3

Short Biography

I was born in Thanh Hoa Province on July 13, 1985. I am maths lecturer at Department of mathematics, Electric Power University from 2009 until now. I got a Ph.D. degree in Ha Noi University of Science and Technology in Viet Nam in the year 2013 with the Ph.D. thesis entitled *Global attractors for a class of degenerate parabolic equations*. I now focus on research in PDEs: Degenerate parabolic equations; Modified Navier-Stokes with delays; Parabolic equations in moving domain.

In 2010, i wrote a book name "Numerical method", published in our university. I have been joined in Nafosted researchs (National level): 20102012, 2013-2015, 2016-2018 and 2019-2021.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2016	Pullback attractors for a nonautonomous semilinear degenerate parabolic equation on R^N Acta Mathematica Vietnamica, V	Nguyen Dinh Binh, Nguyen Nhu Thang and Lê Thi Thuy	Acta Mathematica Vietnamica, Volume 41, Issue 2, pp 183–199	
2	2017	Semilinear Strongly Degenerate Parabolic Equations with a New Class of Nonlinearities	Dao Trong Quyet, Le Thi Thuy and Nguyen Xuan Tu	Vietnam Jounal of Mathematics, Vol 45, No 3, 507-517	
3	2019	Long-time behavior of solutions to a nonlocal quasilinear parabolic equation	Le Thi Thuy and Le Tran Tinh	Commun. Korean Math. Soc. 34, No. 4, pp. 1365–1388	
4	2021	Uniform attractors of nonclassical diffusion equations on R^N with memory and singularly oscillating external forces	Le Thi Thuy and Nguyen Duong Toan	Mathematical Methods in the Applied Sciences, 44(1), 820-852	https://journals.scholarsportal.info/browse/01704214/v44i0001

5	2021	Quasilinear parabolic equations with first order terms and L^1-data in moving domains	Do Lan, Dang Thanh Son, Quoc Bao Tang and Le Thi Thuy	Nonlinear Analysis, 206, 128	https://www.sciencedirect.com/journal/nonlinear-analysis/vol/206/suppl/C

CURRICULUM VITAE

WOMEN MATHEMATICIAN IN ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	: Dr. Pham Thuy Huong
Affiliation	: Department of Mathematics and Statistics, Quy Nhon University, Vietnam
Office Address	: 170 An Duong Vuong, Quy Nhon, Binh Dinh, Vietnam
e-mail	: phamthuyhuong@qnu.edu.vn
Phone/WA	0084966492037
Field-1	: Algebra
Field-2	: Singularity theory
ID Scopus	57198492492
ID Orcid	: http://orcid.org/0000-0002-6506-6233
h-index Scopus	3
ID Web of Science	: AAI-8018-2021

Short Biography

Dr. Pham Thuy Huong has been a lecturer at the Department of Mathematics and Statistics, Quy Nhon University, Vietnam, since 2006. She earned her PhD in 2016 at University of Kaiserslautern, Germany, with the Ph.D. thesis entitled "On Finite Determinacy of Hypersurface Singularities and Matrices in Arbitrary Characteristic" under the supervision of Prof. Gert-Martin Greuel.

Her research interest lies in Algebraic Geometry, in particular Singularity Theory.

Publications

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2020	A note on finite determinacy of matrices	Thuy Huong Pham and Pedro Macias Marques	Pure and Applied Mathematics Quarterly, 2020, 16(4), pp. 1115–1121	10.4310/PAMQ.2020.v16.n4.a10
2	2020	Algorithms for group actions in arbitrary characteristic and a problem in singularity theory	GertMartin Greuel and Thuy Huong Pham	Applicable Algebra in Engineering, Communications and Computing, 2020, 31(2), pp. 87–100	10.1007/s00200-019-00395-x
3	2019	Finite determinacy of matrices and ideals	GertMartin Greuel and Thuy Huong Pham	Journal of Algebra, 2019, 530, pp. 195– 214	10.1016/j.jalgebra.2019.04.013
4	2018	On finite determinacy for matrices of power series	GertMartin Greuel and Thuy Huong Pham	Mathematische Zeitschrift, 290 (2018), no. 3-4, pp. 759– 774	10.1007/s00209-018-2040-2
5	2017	Mather-Yau theorm in positive characteristic	GertMartin Greuel and Thuy Huong Pham	Journal of Algebraic Geometry, 2017, 26(2), pp. 347–355	10.1090/jag/669

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: VIETNAM

Name	: Tran Nguyen Khanh Linh
Affiliation	: Department of Mathematics, University of Education, Hue University
Office Addres	: 32 Le Loi, Hue city, Vietnam
e-mail	: Tnkhanhlinh@hueuni.edu.vn
Phone/WA	: 0084-834314334
Field-1	: Commutative Algebra
Field-2	: Algebraic geometry
ID Scopus	: 57201367193
ID Orcid	: 0000-0001-7087-5396
ID Google Scholar	: Tjm6OsgAAAAJ
h-index Scopus	: 3

Short Biography

- 2002-2006: Bachelor of Mathematics, Hue University of Education, Vietnam. Thesis: Homological Degrees and Reduction Number
  Advisor: Assoc. Prof. Dr. Cao Huy Linh

- 2007-2009: International Master Program in Mathematics, Hanoi Institute of Mathematics (Vietnam) and University of Duisburg-Essen (Germany).
  Thesis: Grothendieck Ring of Varieties.

  Advisors: Prof. Dr. Helene Esnault and Prof. Dr. Eckart Viehweg.

- 2011-2015: PhD Mathematics, University of Passau, Germany.
  Thesis: Kähler Differential Algebras for 0-Dimensional Schemes and Applications

Advisor: Prof. Dr. Martin Kreuzer

- 01.2017-08.2017: Post-Doc Fellow, Research Institute for Symbolic Computation, Johannes Kepler University Linz, Austria.
  Advisor: Prof. Dr. Franz Winkler

- 06.2018-08.2018: Visitor at University of Passau, Germany.
- 06.2019-08.2019: Visitor at University of Passau, Germany.

Research and Publication

1. Kähler differentials and Kähler differents for fat point schemes, J. Pure Appl. Algebra 219 (2015), pp. 4479-4509 (with M. Kreuzer and L.N. Long).
2. Kähler differential algebras for 0-dimensional schemes, J. Algebra 501 (2018), pp. 255—284 (with M. Kreuzer and L.N. Long).
3. On the Dedekind different of a Cayley-Bacharach scheme, J. Algebra and its Applications (2019) Vol. 18, No. 02, 1950027 with M. Kreuzer and L.N. Long).
4. An application of Liaison theory to 0-dimensional schemes, Taiwanese Journal of Mathematics, (June, 2020) 24(3): 553-573 (with M. Kreuzer and L.N. Long and N. C. Tu).
5. Hilbert Polynomials of Kähler Differential Modules for Fat Point Schemes, Acta Mathematica Vietnamica (May, 2021) (with M. Kreuzer and L.N. Long).
6. Kähler differentials of fat point schemes, Journal of Commutative Algebra, to appear (with E. Guardo, M. Kreuzer, L.N. Long).

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2015	Kähler differentials and Kähler differents for fat point schemes	T. N. K. Linh, M. Kreuzer, L. N. Long	Journal of Pure and Applied Algebra	www.sciencedirect.com/science/article/pii/S002240491500 0559
2	2018	Kähler differential algebras for 0dimensional schemes	T. N. K. Linh, M. Kreuzer, L. N. Long	Journal of Algebra	www.sciencedirect.com/science/article/pii/S002186931830 0206
3	2019	On the Dedekind different of a CayleyBacharach scheme	T. N. K. Linh, M. Kreuzer, L. N. Long	Journal of Algebra and its Applications	www.worldscientific.com/doi/abs/10.1142/S0219498819500270

4	2020	An application of Liaison theory to 0dimensional schemes	T. N. K. Linh, M. Kreuzer, L. N. Long and N. C. Tu	Taiwanese Journal of Mathematics	projecteuclid.org/download/pdf_1/euclid.twjm/158987521 9
5	2021	Hilbert Polynomials of Kähler Differential Modules for Fat Point Schemes	T. N. K. Linh, M. Kreuzer, L. N. Long	Acta Mathematica Vietnamica	https://link.springer.com/article/10.1007/s40306-021-00432-3

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	:	Truong Xuan Duc Ha
Affiliation	:	Thanglong Institute of Mathematics and Applied Sciences, Thanglong University, and Institute of Mathematics, VAST
Office Addres	:	Hanoi, Vietnam
e-mail	:	txdha@math.ac.vn
Field-1	:	Optimization
Field-2	:	Nonsmooth Analysis
ID Google Scholar	:	r0EwRV8AAAAJ

h- index Scopus :

Short Biography

Truong Xuan Duc Ha is a researcher at the Institute of Mathematics, Vietnam Academy of Science and Technology, Hanoi, Vietnam (since 1983) and Thanglong Institute of Mathematics and Applied Science, Thanglong University (since 2018). She got a master degree at the State Voronezh Pedagogical Insitute (Russia) in 1979 and obtained the Ph.D. degree at this institute in 1983. Her fields of interest are Optimization, Nonsmooth Analysis, Variational Analysis, Differential Inclusions.

She got the Grant of Excelency from the AUPELF-UREP (now AUF) for a research stay in France in 1995 and the Georg Forster Fellowship from the Alexander von Humbold Foundation, Germany in 2001.

She served as an associated Editor for the journal Optimization (2015-2018)

Research and Publications

Truong Xuan Duc Ha has published 40 articles in journals.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2021	Versions of the Sard Theorem for Essentially Smooth Lipschitz Maps and Applications in Optimization and Nonsmooth Equations	Truong Xuan Duc Ha	J. Convex Analysis 28(1), 157-178	https://www.heldermann.de/JCA/JCA28/JCA281/jca2801 2.htm
2	2020	A new concept of slope for setvalued maps and applications in set optimization studied with Kuroiwa's set approach	Truong Xuan Duc Ha	Mathematical Methods of Operations Research 91, 137–158	https://link.springer.com/article/10.1007/s00186-019-00676-8
3	2018	Slopes, error bounds and weak sharp Pareto minima of a vectorvalued map	Truong Xuan Duc Ha	Journal of Optimization Theory and Applications 176 (3), 634-649	https://link.springer.com/article/10.1007/s10957-018-1240-6
4	2018	The global weak sharp minima with explicit exponents in polynomial vector optimization problems	Pham Tien Son, Truong Xuan Duc Ha, J.-C. Yao	Positivity 22 (1), 219244	https://link.springer.com/article/10.1007/s11117-017-0509-6

5	2018	A Hausdorff-type distance, a directional derivative of a setvalued map and applications in set optimization	Truong Xuan Duc Ha	Optimization 67 (7), 1031-1050	https://www.tandfonline.com/doi/abs/10.1080/02331934.2017.1420186

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	1995	Bourse d'Excellence	International	AUPELF-UREP, France	https://www.auf.org/
2	2001	G.Forster Fellowship	International	Alexander von Humboldt Foundation, Germany	https://www.humboldtfoundation.de/
3	2016	Research stay	National	Vietnam Institute for Advanced Study in Mathematics	https://viasm.edu.v
4	2018	Research stay	National	Vietnam Institute for Advanced Study in Mathematics	https://viasm.edu.vn/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: VIETNAM

Name	: Truong Thi Thanh Phuong
Affiliation	: Division of Mathematical Economics, Department of Economics and Accounting, Quy Nhon University
Office Address	: 170 An Duong Vuong, Quy Nhon, Binh Dinh, Vietnam
e-mail	: truongthithanhphuong@qnu.edu.vn
Phone	: (+84)342690412
Field-1	: Optimization
Field-2	: Mathematical Economics
ID Google Scholar	: https://scholar.google.com/citations?hl=vi&user=CX_KkucAAAAJ
h- index Scopus	2

Short Biography

Dr. Truong Thi Thanh Phuong is currently Head of Division of Mathematical Economics which belongs to Department of Economics and Accounting, Quy Nhon University, Vietnam. She is also leader of the fifth research project in the IUC (Institutional University Cooperation) Programme proposed by Quy Nhon University which is among 5 Programmes in the world chosen by VLIRUOS in 2019 for the period of 10 years: 2022-2032. She was born on December 4, 1985. She got a Ph.D. degree in Applied Mathematics in France in the year 2015 with the Ph.D. thesis entitled "*Equilibrium in multi-criteria supply-demand networks"* under a Vietnamese government fellowship. She actively participated in a project on urban traffic networks with application to the Danang City bus system, financed by the Vietnam Research Foundation (NAFOSTED) for the period 2014-2016. She now focuses on teaching and doing research including Mathematics for Economists, Optimization, Scientific Research Methodology in Economics, Statistics.

Dr. Truong Thi Thanh Phuong has won Mathematical Research Award in the framework of National Programme for Development of Mathematics until 2020 from Vietnam Institute for Advanced Study in Mathematics in 2019; award for Achievements in Scientific Research from Vietnam Women's Union in 2019; grant from Avignon University, France and LIAFV (Laboratoire International Associé Format Vietnam), France for a short visit at Avignon University, August 29-

September 15, 2016 and Ph.D. Grant from Ministry of Education and Training, Vietnam for the period 2011-2015.

Research and Publication

Her research is on the Optimization and also on Mathematical Economics. Her mathematical works have been published in national and international journals and books.

The list of Publications can be found at:

https://scholar.google.com/citations?hl=vi&user=CX_kKUcAAAAJ

The best eight recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	Textbook "Mathematics in Economics I", in Vietnamese	Truong Thi Thanh Phuong et al.	Vietnam National University Press, Hanoi	
2	2020	Textbook "Mathematics in Economics II", in Vietnamese	Truong Thi Thanh Phuong et al.	Vietnam National University Press, Hanoi	
3	2020	Textbook "Basic Statistics for Economists" in Vietnamese	Hoang Khac Lich; Cao Tan Binh; Nguyen The Kien; Truong Thi Thanh Phuong	Vietnam National University Press, Hanoi	
4	2019	"Smoothing Method in Multicriteria Transportation Network Equilibrium Problem"	Truong Thi Thanh Phuong	A Journal of Mathematical Programming and Operational Research	DOI 10.1080/02331934.2019.1578767, SCI Q2.
5	2019	"Robust Equilibrium in Transportation Networks"	Nguyen Ba Minh; Truong Thi Thanh Phuong	Acta Mathematica Vietnamica	DOI 10.1007/s40306-018-00320-3, Scopus

The best three organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Local Team Leader	The fifth research project in the IUC (Institutional University Cooperation) Programme proposed by Quy Nhon University	
2	1/2020present	Head	Division of Economical Mathematics, Department of Economics and Accounting, Quy Nhon University, Vietnam	
3	2015present	Member	Scientific Committee of Division of Economical Mathematics, Department of Economics and Accounting, Quy Nhon University, Vietnam	

The best four awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2019	Mathematical Research Award in the framework of National Program for Development of Mathematics until 2020	National	Vietnam Institute for Advanced Study in Mathematics	
2	2019	Achievements in Scientific Research	National	Vietnam Women's Union	

3	August 29September 15, 2016	Mobility programme	International	Avignon University, France and LIAFV (Laboratoire International Associé Format Vietnam), France	
4	2011-2015	Ph.D. Grant	National	Ministry of Education and Training, Viet Nam	

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: VIETNAM

Name	: Dr. Le Thi Nhu Bich
Affiliation	: Department of Mathematics, Hue University, College of Education
Office Addres	: 34 Le Loi Street, Hue City, Vietnam
e-mail	: ltnbich@hueuni.edu.vn
Phone/WA	: +84905290482
Field-1	: Analysis and Geometry
Field-2	: Applied Mathematics
ID Scopus	57205599308
ID Orcid	: https://orcid.org/0000-0002-9163-0942
ID Google Scholar	: CuXw_JIAAAAJ
h- index Scopus	2

Short Biography

Dr. Le Thi Nhu Bich is a lecturer of the Department of Mathematics, Hue University, College of Education. She was born in Hue City, Vietnam, on April 29th, 1982. She got a PhD Degree in Physical and Mathematical Sciences at the Faculty of Mathematics and Mechanics, Saint-Peterburg State University, Russia with the PhD. thesis entitled Wavelets of non-zero heights. She now focuses on research in the field of wavelet theories and their applications, splines and local approximations and numerical methods.

She graduated with honors from Saint-Peterburg State University in 2007, won the Endeavour research Award (Australian Scholarships) in 2012. She won the award for the Vietnamese young scientific talents in 2014. She also received the certificates of merit from the president of Hue

University for having scientific research published in prestigious international scientific journals for the years.

Dr. Le Thi Nhu Bich also has experiences in the organization as a Deputy Head of the Department of Mathematics in 2015-2020.

Research and Publication

Dr. Le Thi Nhu Bich's research is on the wavelet theories and its applications. Her works have been published in national and international journals.

Her list of Publications can be found at:

https://scholar.google.com/citations?pli=1&authuser=1&user=CuXw_JIAAAAJ and https://orcid.org/0000-0002-9163-0942

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2020	The generalized haar spaces and their adaptive decomposition	A.Yuri K. Demjanovi ch, Tatjana A.Safonov a, Mikhail A.Terekhov , V. Belyakova, Bich T.N.Le	International Journal of Circuits, Systems and Signal Processing	DOI: 10.46300/9106.2020.14.71
2	2018	Uniqueness of Space of Hermite Type Splines	YK Dem'Yanov ich, OV Belyakova, BTN Le	Proceedings - 2018 International Conference on Applied Mathematics and Computational Science	DOI: 10.1109/ICAMCS.NET46018.2018.00037
3	2015	Wavelet Decompositio n of HermiteType Splines	TNB Le, TMK Nguyen	Vietnam Journal of Mathematics	DOI: 10.1007/s10013-014-0078-y

4	2014	Approximation by Hermite Type Splines	Y Dem'yanovich, T Le	Journal of Mathematical Sciences (United States)	DOI: 10.1007/s10958-014-1659-8
5	2010	Wavelet decomposition of third height splines of hermitian type	Y Dem'yanovich, T Le	Journal of Mathematical Sciences	DOI: 10.1007/s10958-010-9781-8

The best organization experiences

Number	Year	Position	Organization	Link (if any)
1	2012	Research fellowship	Wollongong University, Autralia	
2	2015-2020	Deputy Head of the Department of Mathematics	Hue University, College of Education	

The best awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2012	Endeavour research Award	Australia	Australian Scholarships	
2	2014	Award for the Vietnamese young scientific talents	Vietnam	Ministry of Education	

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	: Tran Thi Thu Huong
Affiliation	: Vietnamese-German University
Office Address	: Le Lai street, Hoa Phu ward, Thu Dau Mot city, Binh Duong province, Vietnam
e-mail	: Huong.ttt@gmail.com
Phone/WA	: +84 915903882
Field-1	: Combinatorics and Graph Theory
Field-2	: Mathematics Education
h- index Scopus	:

Short Biography

Ms. Tran Thi Thu Huong has been a Lecturer in Mathematics and Computer Science at the Computer Science study program, Engineering Faculty, Vietnamese-German University since 2015. She was born in Vinh Phuc province in Vietnam on October 31, 1982. She got a Ph.D. degree in Mathematical Foundations for Computer Science at

Vietnam Institute of Mathematics, Vietnam in 2014 with the Ph.D. dissertation entitled *"Characterization of configuration space and the stability of some extended sandpile models".* Her research domain now is on Combinatorial Enumerations, Discrete Structures and Graph Theory.

Research and Publication

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2019	*Exhaustive generations for permutations avoiding (colored) regular sets of patterns*	Phan Thuan Do, Thi Thu Huong Tran and Vincent Vajnovszki,	Discret. Appl. Math. 268: 4453, 2019.	https://doi.org/ 10.1016 /j.dam .2019.04.014
2	2018	*A maximizing characteristic for critical configurations of chip-firing games on digraphs*	Hoang Thach Nguyen and Thi Thu Huong Tran	Discret. Appl. Math. 250: 3846, 2018.	https://doi.org/ 10.1016/j.dam .2018.05.005
3	2014	*Fixed-point forms of the parallel symmetric sandpile model*	Formenti Enrico, Trung Van Pham, Thi Ha Duong Phan, and Thi Thu Huong Tran,	Theoret. Comput. Sci. **533**: 1–14, 2014.	https://doi.org/ 10.1016 /j.tcs . 2014.02.05 1
4	2010	*An application of the combinatorial Nullstellensatz to a graph labeling problem*	D. Hefetz, A. Saluz, and Thi Thu Huong Tran,	Journal of Graph Theory, **65(1)**, 2010, pages 7082.	https://doi.org/ 10.1002 /jgt. 20 466
5	2010	On the stability of sand piles model,	Thi Ha Duong Phan and Thi Thu Huong Tran	Theoretical Computer Science, **411(3)**: 594--601, 2010.	https://doi.org/ 10.1016 /j.tcs. 2009.09.022

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2006-2015	Researcher	Vietnam Institute of mathematics	http://math.ac.vn/en/
2	2015-Present	Lecturer	Vietnamese-German University	https://vgu.edu.vn/

CURRICULUM VITAE
WOMEN MATHEMATICIAN AT ASEAN COUNTRIES
COUNTRY: VIETNAM

Name	: Dr. Võ Thị Như Quỳnh, MS
Affiliation	: Faculty of Mathematics, Mechanics and Informatics, VNU University of Science
Office Addres	: Building T3, 334 Nguyễn Trãi street, Thanh Xuân district, Hà Nội city, Việt Nam
e-mail	: vothinhuquynh@hus.edu.vn
Phone/WA	: + 84 0983866363
Field	: Algebraic Topology
ID Scopus	34067815900
ID Orcid	: https://orcid.org/0000-0003-4837-3001
ID Google scholar	: RZUkGw4AAAAJ&hl=en
h- index Scopus	2

Short Biography

Võ Thị Như Quỳnh is a lecturer at Faculty of Mathematics, Mechenics and Informatics, VNU University of Science, Vietnam since 2004. She was born on September 28, 1979 and grew up in Nghe An province. She got a Ph.D degree in the Vietnam National University in 2010 with the entitled “The squaring operations in study of the cohomology of the Steenrod algebra and the Lannes-

Zarati homomorphism” under the guidance of Professor Nguyễn Hữu Việt Hưng. She now focuses on research and research supervision in Algebraic Topology including the cohomology of the Steenrod algebra, the hit problem and the cohomology of finite groups.

Research and Publication

Doctor Như Quỳnh' research on the squaring operations, the hit problem and their applications to studying the cohomologygy of the Steenrod algebra.

Her list of Publications can be found at:

https://scholar.google.com/citations?user=RZUkGw4AAAAJ&hl=en

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2016	On the transfer between the Dickson algebras as modules over the Steenrod algebra	Quỳnh, Võ T.N; Trường, Lưu X	J. Homotopy Relat. Struct. 11(2016), 97127.	https://link.springer.com/article/10.1007/s4 0062-014-0097-0
2	2014	On the vanishing of the Lannes - Zarati homomorphism	Hưng, Nguyễn H. V; Quỳnh, Võ T. N; Tuấn, Ngô A	C.R. Math.Acd. Sci. Paris 352(2014), 251254.	https://www.sciencedirect.com/science/article/pii/S1631073X14 000351
3	2010	The squaring operation on Agenerators of the Dickson algebra	Hưng, Nguyễn H. V; Quỳnh, Võ T. N	Math. Proc. Cambridge Philos. Soc. 148(2010), 267288	https://www.cambridge.org/core/journals/mathematicalproceedings-of-thecambridgephilosophicalsociety/issue/EBD806663927AB73 AA902 86F1D46194D
4	2009	The image of Singer's fourth transfer	Hưng, Nguyễn H. V; Quỳnh, Võ T. N	C.R. Math.Acd. Sci. Paris 347(2009), 1415-1418.	https://www.sciencedirect.com/science/article/pii/S1631073X09 003501

5	2009	The squaring operation on Agenerators of the Dickson algebra	Hưng, Nguyễn H. V; Quỳnh, Võ T. N	Proc. Japan Acad. Ser. A Math. Sci. 85(2009), 6770.	https://projecteuclid.org/journals/proceedings-of-the-japanacademy-series-amathematicalsciences/volume85/issue-6/Thesquaring-operationon-cal-A-generatorsof-the-Dickson/10.3792/pjaa.85.67.full

CURRICULUM VITAE

WOMEN MATHEMATICIAN AT ASEAN COUNTRIES

COUNTRY: VIETNAM

Name	: Dr. Ha Huong Giang
Affiliation	: Department of Sciences, Electric Power University
Office Addres	: 235 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam
e-mail	: hhgiang79@yahoo.com
Phone/WA	: +8424988614598
Field-1	: Complex Geometry and Topology
Field-2	: Complex Analysis
ID Scopus	56690086300
ID Orcid	: https://orcid.org/0000-0002-8559-1051
ID Google Scholar	: stwbWWkAAAAJ&hl=vi
h- index Scopus	1

Short Biography

Ha Huong Giang is a Doctor of Mathematics at Department of Sciences, Electric Power of University, Vietnam since 2016. She was born in Vinhphuc on August 07, 1979. She got a Ph.D. degree in Geometry and Topology at Faculty of Mathematics, Hanoi National University of Education, Vietnam in the year 2016 with the Ph.D. thesis entitled *The finiteness and the extension of the meromorphic mappings into complex projective space*. She now focuses on research about the Values Distribution Theory.

Dr. Ha Huong Giang has won awards in research for years 2012, 2017 and 2018 from Vietnam Institute for Advanced Studies in Mathematics.

Research and Publication

Dr. Ha Huong Giang's research is on the Complex Geometry, Complex Analysis and Topology. Her mathematical works have been published in national and international journals. Her list of Publications can be found at:

https://scholar.google.com/citations?user=stwbWWkAAAAJ&hl=vi

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/ Publisher	Link
1	2012	Uniqueness theorems for meromorphic mappings sharing few hyperplanes	Ha Huong Giang, Le Ngoc Quynh and Si Duc Quang	Journal of Mathematic al Analysis and Applications , Vol 393 (2012), 445–456	https://www.scienc edirect .com/science/article /pii/S 0022247X12002533
2	2016	Multiple values and finiteness problem of meromorphic mappings sharing different families of moving hyperplanes	Ha Huong Giang	Bull. Math. Soc. Sci. Math. Roumanie, Vol 59(107) (2016), 233 –245	https://www.jstor.o rg/stabl e/26423358?refreqi d=exc elsior%3Ab1a5bd1c af4c8 60 cd444ef49321e159 b&s eq=1
3	2018	Uniqueness theorem for meromorphic mappings with multiple values manifold into a projective space	Ha Huong Giang	Kodai Mathematic al Journal, Vol 41 (2018), 115–124	https://projecteucli d.org/jo urnals/kodaimathe maticaljournal/volu me-41/issue1/Uniquene ss-theoremfor-meromorphicmappi ngs-with-multiplevalues/10.2 996/kmj/1521 424827.short

4	2019	Meromorphic Functions on Annuli Sharing Few Small Functions with Truncated Multiplicities	Si Duc Quang, Ha Huong Giang and Tran An Hai	Complex Anal. Oper. Theory, Vol 13 (2019), 1693–1711	https://link.springer.com/article/10.1007/s11785018-0808-3
5	2020	Uniqueness Problem of Meromorphic Mappings of a Complete Kahler	Ha Huong Giang	Mathematic a Slovaca, Vol 70(4) (2020), 863–876	https://www.degruyter.com/document/doi/10.1515/ ms-2017-0399/html

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2012	Award of the mathematic works	National	Vietnam Institute for Advanced Studies in Mathematics	https://vasm.edu.vn/npdm/thuongcong-trinh
2	2017	Award of the mathematic works	National	Vietnam Institute for Advanced Studies in Mathematics	https://vasm.edu.vn/npdm/thuongcong-trinh
3	2018	Award of the mathematic works	National	Vietnam Institute for Advanced - Studies in Mathematics	https://vasu.vn/npdm/thcong-trinh

CURRICULUM VITAE WOMEN MATHEMATICIAN
COUNTRY : CHINA

CURRICULUM VITAE

WOMEN MATHEMATICIAN

COUNTRY: CHINA

Name	:	Assoc.Prof. Dr.Yanhui Wang, MS
Affiliation	:	College of Mathematics and Systems Science, Shandong University of Science and Technology
Office Addres	:	579 Qianwangang Road, Huangdao District, Qingdao, Shandong Province, 266590, P.R.China
e-mail	:	yanhuiwang@sdust.edu.cn
Phone/WA	:	+8615192542635
Field-1	:	Algebra
Field-2	:	Netwrok Algebra
ID Scopus	:	
ID Orcid	:	0000-0002-1203-4641
ID Google Scholar	:	
h- index Scopus	:	8

Short Biography

Yanhui Wang is an Associative Professor of Mathematics in the College of Mathematics and Systems Science, Shandong University of Science and Technology, China since 2019. She was born in Shanxi Province on July 20th , 1984. She got her Ph.D. degree in pure mathematics in the University of York, UK, in 2012 with the Ph. D. thesis entitled Beyond Regular Semigroups. She was awarded with a 2012 K M Stott Memorial prize for excellence in postgraduate research in the field of Algebra. She now focus on Semigroup Theory, Netwrok Algebra and Bioinformatics.

Dr. Wang has won awards in research grants since 2013 from Shandong University of Science and Technology, from China Scholarship Council for the year 2014-2016, from National Natural Science Foundation of China for the year 2015-2018 , from Shandong Natural Science Foundation for the year 2015-2017 and from Shandong University of Science and Technology for the year 2019-2023.

Dr. Wang also has experiences in the organization as a scientific research secretary of College of Mathematics and Systems Science, Shandong University of Science and Technology in 2014-2015, Deputy Head of the Department of Mathematics and Applied Mathematics since 2018.

Research and Publication

Dr. Wang's research is on Semigroup Theory and also in Bioinformatics. Her mathematical works have been published in national and international journals and books.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2021	Quasi-automatic semigroups	Yanhui Wang, Yuhan Wang, Xueming Ren and K P Shum	Asian-European Journal of Mathematics	DOI: 10.1142/S1793557121500467
2	2020	Network Structure Analysis Identifying Key Genes of Autism and Its Mechanism	Yanhui Wang, Yanming Kou and Dazhi Meng	Computational and Mathematical Methods in Medicine	https://doi.org/10.1155/2020/3753080
3	2019	Left quasi-abundant semigroups	Zhulin JI, Xueming Ren and Yanhui Wang	J. Korean Math. Soc.	https://doi.org/10.4134/JKMS.j180256
4	2018	Ehresmann monoids: Adequacy and expansions	Mário J.J. Branco,Gracinda M.S. Gomes,Victoria Gould and Yanhui Wang	Journal of Algebra	https://doi.org/10.1016/j.jalgebra.2018.06.036
5	2018	Restriction w semigroups	Yanhui Wang and Dilshad Abdulkadir	Semigroup Forum	https://doi.org/10.1007/s00233-018-9961-2

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2018-now	Deputy Head	Department of Mathematics and Applied Mathematics,College of Mathematics and Systems Science, Shandong University of Science and Technology	
2	2014-2015	Scientific Research Secretary	College of Mathematics and Systems Science, Shandong University of Science and Technology	

The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2019-2023	Elite Programs	Local	Shandong University of Science and Technology	
2	2015-2018	Youth Programs	National	National Natural Science Foundation of China	
3	2015-2017	Research Award Fund for Young and Middle-aged Scientists	Local	Shandong Natural Science Foundation	
4	2014-2016	Research Initiation Fund of the Ministry of Education for Returning Overseas Students	National	China Scholarship Council	
5	2013	Funds for Women Graduates	International	**BFWG Charitable Foundation**	ffwg.org.uk

CURRICULUM VITAE

WOMEN MATHEMATICIAN

COUNTRY: CHINA

Name	:	Chunmei Gong
Affiliation	:	Xi'an University of Architecture and Technology
Office Addres	:	Xi'an Yanta Road, No.13
e-mail	:	meigongchu@163.com
Phone/WA	:	086+15002995834
Field-1	:	Semigroup theory

Short Biography

Chunmei Gong is Associate Professor of Semigroup Theory at Department of Mathematics, Xi'an University of Architecture and Technology, China since 2011. She was born in Hebei Province on March 6, 1981. She got a Ph.D. degree in School of Mathematics and Statistics of Southwest University in Chongqing in the year 2011 with the Ph.D. thesis entitled Some Studies of G-Generalized completely regular semigroups. She now focuses on research and research supervision in Congruence theory of generalized regular semigroups.

Dr. Chunmei Gong has obtained two projects supported by National Natural Science Foundation of China for the year 2021-2023, 2013, a project supported by Shaanxi Natural Science Foundation. She also won the first prize in the lecture competition for young teachers and excellent postgraduate basic course teacher award of Xi'an University of Architecture and Technology in 2011.

Dr. Chunmei Gong also has experiences in the organization as a Assistant to the Dean of school of science of Xi'an University of Architecture and Technology in 2021, Associate Head of the

Department of Mathematics of Xi'an University of Architecture and Technology in 2019-2020, a member of the Commission for Shaanxi Mathematical Society in 2019-2020.

Research and Publication

Dr. Chunmei Gong is on the Congruence theory of generalized regular semigroups. Her mathematical works have been published in national and international journals.

The best five recent publications in journals and/or books

Number	Year	Title	Author(s)	Journal/Publisher	Link
1	2018	U-abundant semigroups with Ehresmann transversals	Siyao Ma; Xueming Ren; **Chunmei Gong**	Algebra Colloquium	
2	2015	The $(*,\sim)$-good congruences on normal ortho-lc-monoids	**C M Gong**, X M Ren and Y Ying	Advances in Mathematics (China)	
3	2014	$(*,\sim)$-good congruences on regular ortho-lc-monoids	Y Q Guo, **C M Gong** and X Z Kong	Algebra Colloquium	
4	2011	The srtucture of ortho-lc-monoids.	**C M Gong**, Y Q Guo, and X M Ren	Communications in algebra	
5	2011	Ortho-u-monoids	**C M Gong**, Y Q Guo; Shum, K. P.	Acta Mathematica Sinica-English Series	

The best five organization experiences

Number	Year	Position	Organization	Link (if any)
1	2021	Assistant to the Dean of school of science	Xi'an University of Architecture and Technology	
2	2011	Associate Head of the Department of Mathematics	Xi'an University of Architecture and Technology	
3	2019	Member	Commission for Shaanxi Mathematical Society	

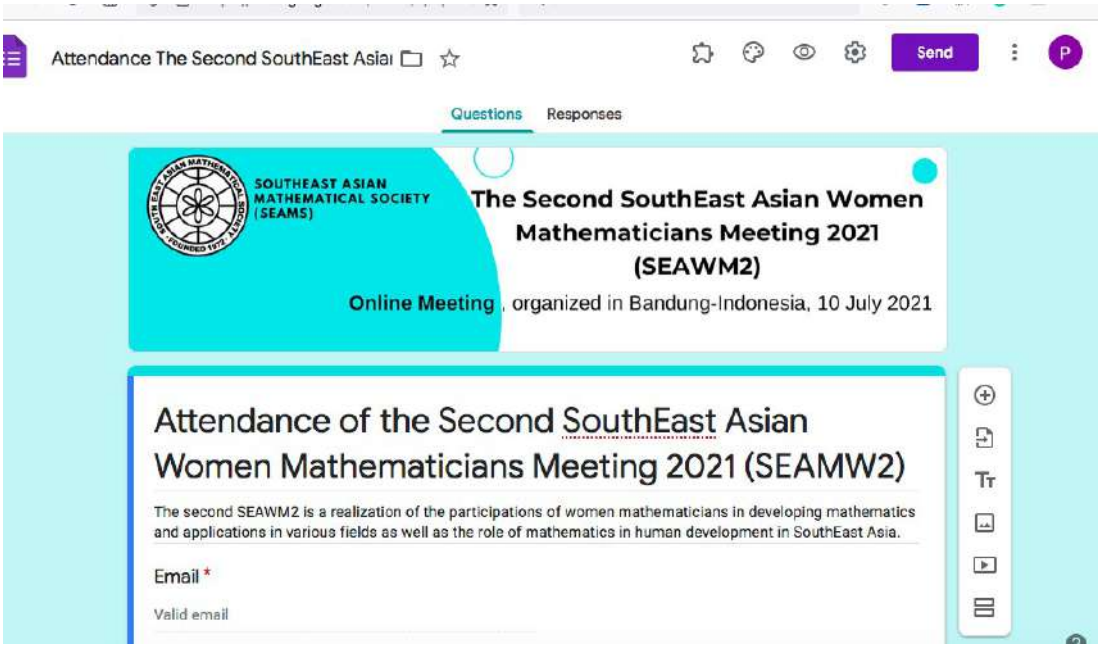
The best five awards including research grant and/or copyright

Number	Year	Award	Local/National/ International	Award Giving Organization	Link (if any)
1	2021	Project supported by National Natural Science Foundation of China	National	National Fund Committee in China	
2	2013	Project supported by National Natural Science Foundation of China	National	National Fund Committee in China	

APPENDICES

Photos of the Second Southeast Asian Women Mathematicians Meeting (SEAWM^2)

Online meeting, 10 July 2021



Zoom Meeting
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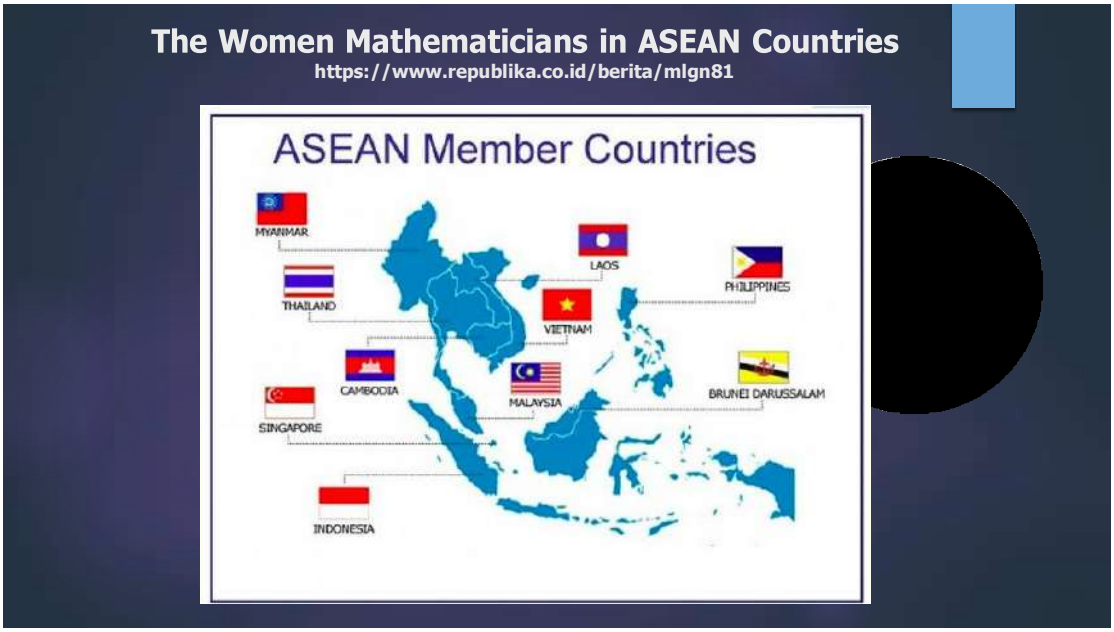
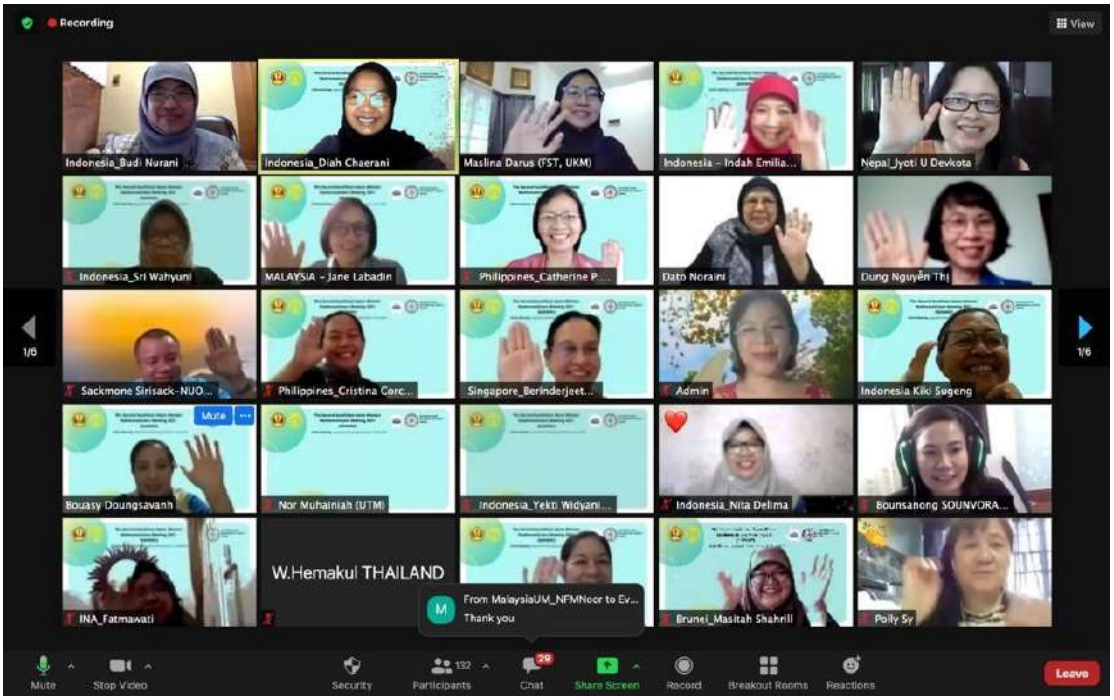
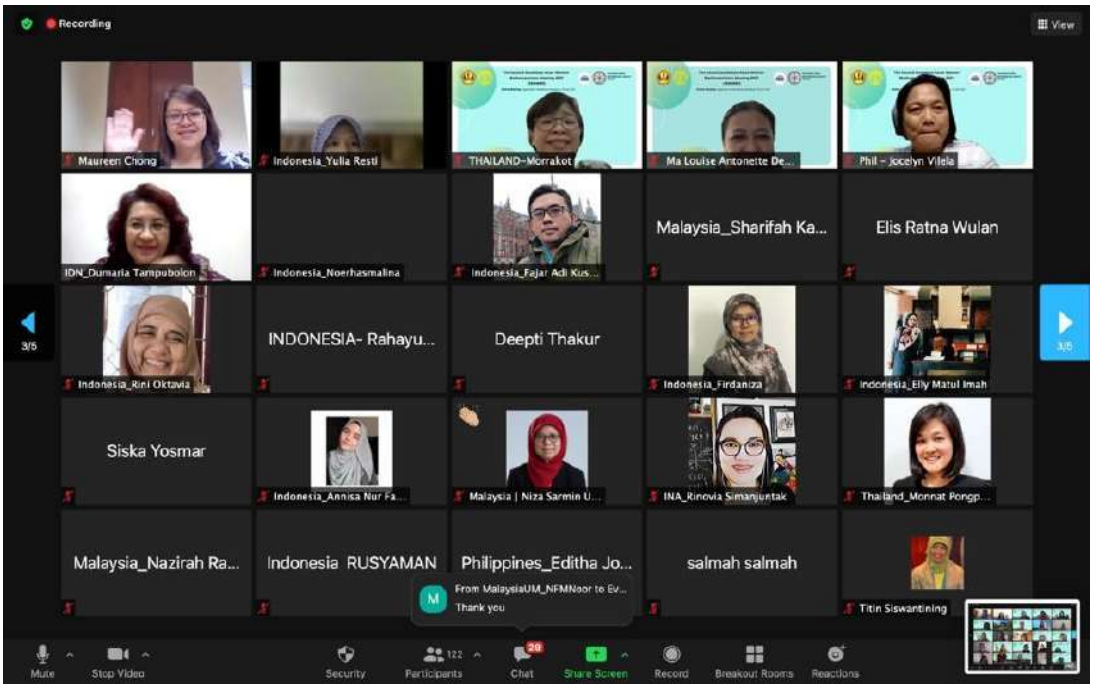
Participants (128)
Budi Nurani Ruchjana
Unmute
Stop Video
Participants
Chat
Share Screen
Record
Reactions
Leave


The Women Mathematicians in ASEAN Countries
https://www.republika.co.id/berita/mlgn81
ASEAN Member Countries
MYANMAR
LAOS
PHILIPPINES
THAILAND
VIETNAM
CAMBODIA
MALAYSIA
BRUNEI DARUSSALAM
SINGAPORE
INDONESIA


Recording
View
Indonesia_Budi Nurani
Indonesia_Diah Chaerani
Maslina Darus (FST, UKM)
Indonesia – Indah Emilia...
Nepal_Jyoti U Devkota
Indonesia_Sri Wahyuni
MALAYSIA – Jane Labadin
Philippines_Catherine P...
Dato Noraini
Dung Nguyễn Thị
1/6
Sackmone Sirisack-NUO...
Philippines_Cristina Corc...
Singapore_Berinderjeet...
Admin
Indonesia Kiki Sugeng
Mute
Bouasy Doungsavanh
Nor Muhainiah (UTM)
Indonesia_Yekti Widyani...
Indonesia_Nita Delima
Bounsanong SOUNVORA...
INA_Fatmawati
W.Hemakul THAILAND
From MalaysiaUM_NFMNoor to Ev...
Thank you
Brunei_Masitah Shahrill
Polly Sy
Mute
Stop Video
Security
Participants
132
Chat
29
Share Screen
Record
Breakout Rooms
Reactions
Leave


Recording
View
Maureen Chong
Indonesia_Yulia Resti
THAILAND-Morrakot
Ma Louise Antonette De...
Phil – Jocelyn Vilela
IDN_Dumaria Tampubolon
Indonesia_Noerhasmalina
Indonesia_Fajar Adi Kus...
Malaysia_Sharifah Ka...
Elis Ratna Wulan
3/5
Indonesia_Rini Oktavia
INDONESIA- Rahayu...
Deepti Thakur
Indonesia_Firdaniza
Indonesia_Elly Matul Imah
Siska Yosmar
Indonesia_Annisa Nur Fa...
Malaysia | Niza Sarmin U...
INA_Rinovia Simanjuntak
Thailand_Monnat Pongp...
Malaysia_Nazirah Ra...
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Neela Nataraj
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Joey Balmaceda
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Indonesia – Indah Emilia...
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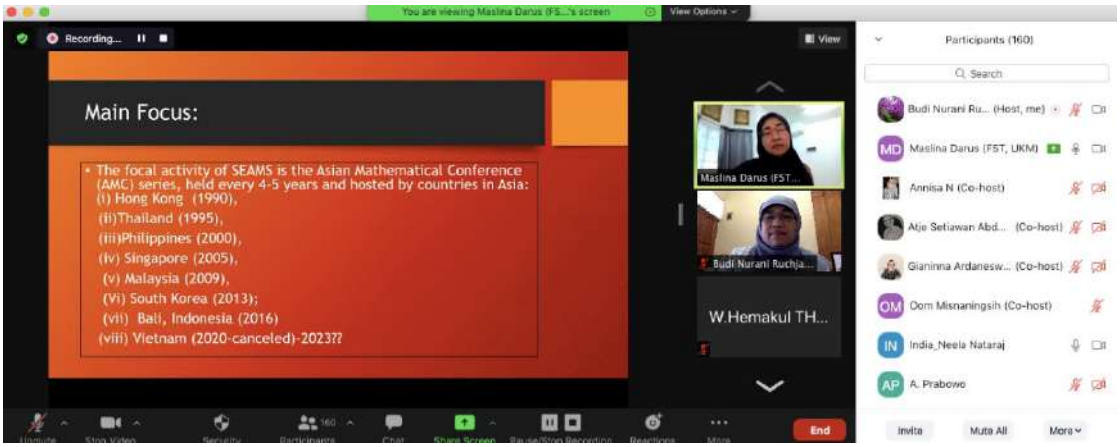
Main Focus:
• The focal activity of SEAMS is the Asian Mathematical Conference (AMC) series, held every 4-5 years and hosted by countries in Asia:
(i) Hong Kong (1990),
(ii)Thailand (1995),
(iii)Philippines (2000),
(iv) Singapore (2005),
(v) Malaysia (2009),
(Vi) South Korea (2013);
(vii) Bali, Indonesia (2016)
(viii) Vietnam (2020-canceled)-2023??
Participants (160)
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Maslina Darus (FST, UKM)
Annisa N (Co-host)
Atje Setiawan Abd... (Co-host)
Gianinna Ardaniesw... (Co-host)
Oom Misnaningsih (Co-host)
India_Neela Nataraj
A. Prabowo
End

Members of SEAMS
• Cambodian Mathematical Society;
• Hong Kong Mathematical Society;
• Indonesian Mathematical Society;
• Malaysian Mathematical Sciences Society;
• Mathematical Society of Myanmar;
• Mathematical Society of Philippines;
• Mathematical Association of Thailand;
• Singapore Mathematical Society;
• Vietnam Mathematical Society.
Maslina Darus (FST, UKM)
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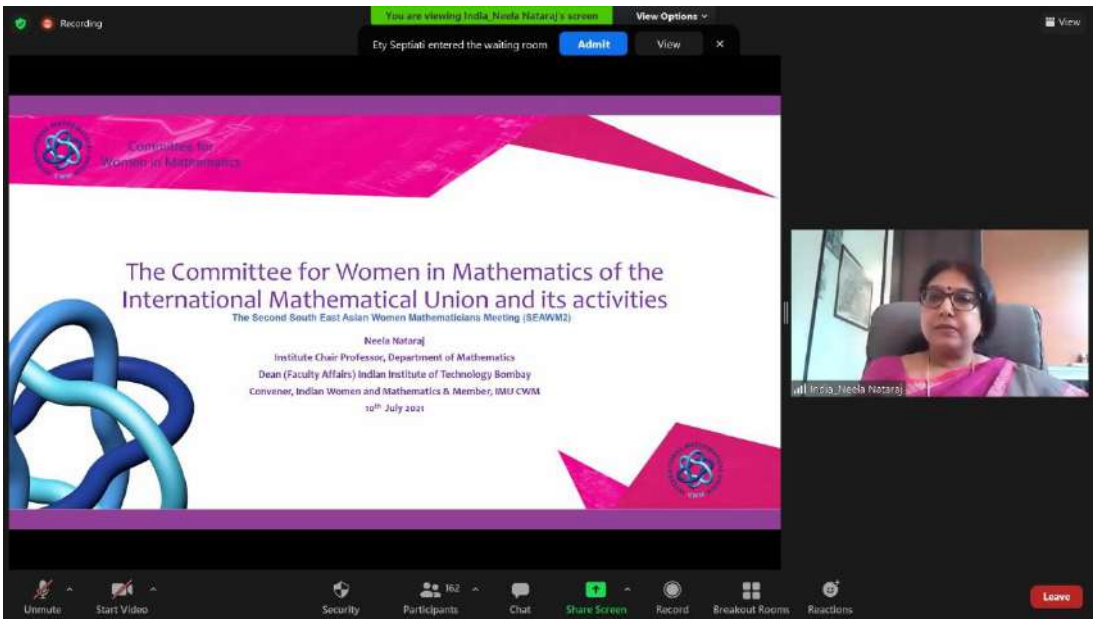
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The Committee for Women in Mathematics of the International Mathematical Union and its activities
The Second South East Asian Women Mathematicians Meeting (SEAWM2)
Neela Nataraj
Institute Chair Professor, Department of Mathematics
Dean (Faculty Affairs) Indian Institute of Technology Bombay
Convener, Indian Women and Mathematics & Member, IMU CWM
10th July 2021
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Saiful Hafizah...
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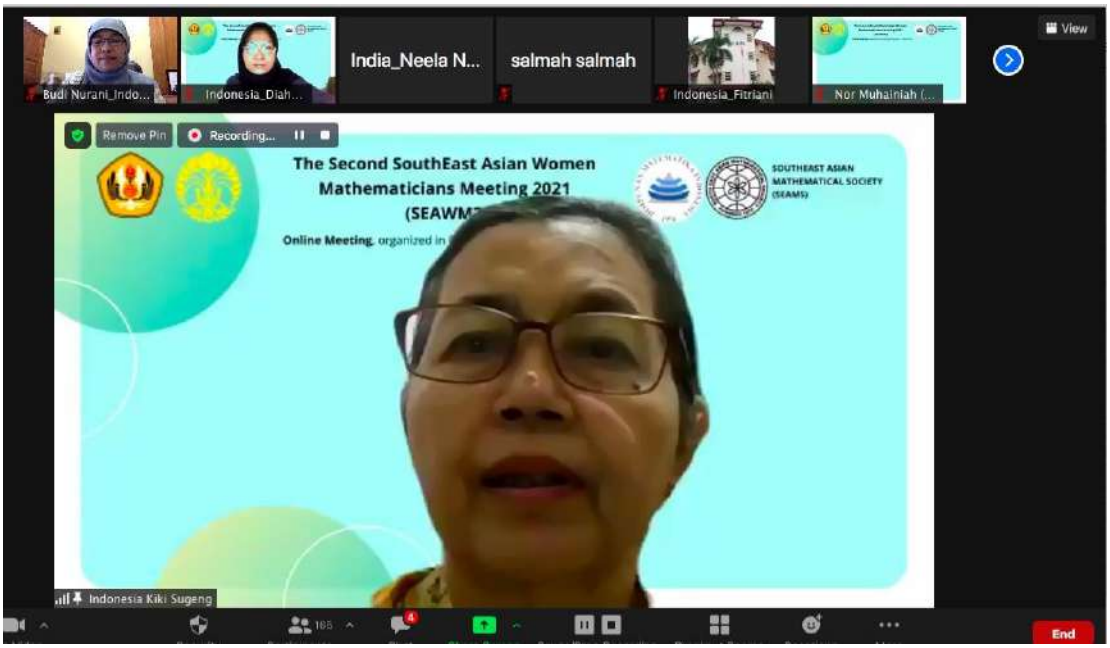
Committee for Women in Mathematics
(WM)²
CWM organized a satellite meeting of ICM2018 in Rio de Janeiro (Brazil): World Meeting for Women in Mathematics (WM)².
Latin American focus, took place immediately before the ICM.
WORLD MEETING FOR WOMEN IN MATHEMATICS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The Second SouthEast Asian Women Mathematicians Meeting 2021
SOUTHEAST ASIAN MATHEMATICAL SOCIETY (SEAMS)
Online Meeting, organized in
Indonesia Kiki Sugeng
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The Second SouthEast Asian Women Mathematicians Meeting 2021 (SEAWM2)
Online Meeting, organized in Bandung-Indonesia, 10 July 2021
SEAWM2 Speakers
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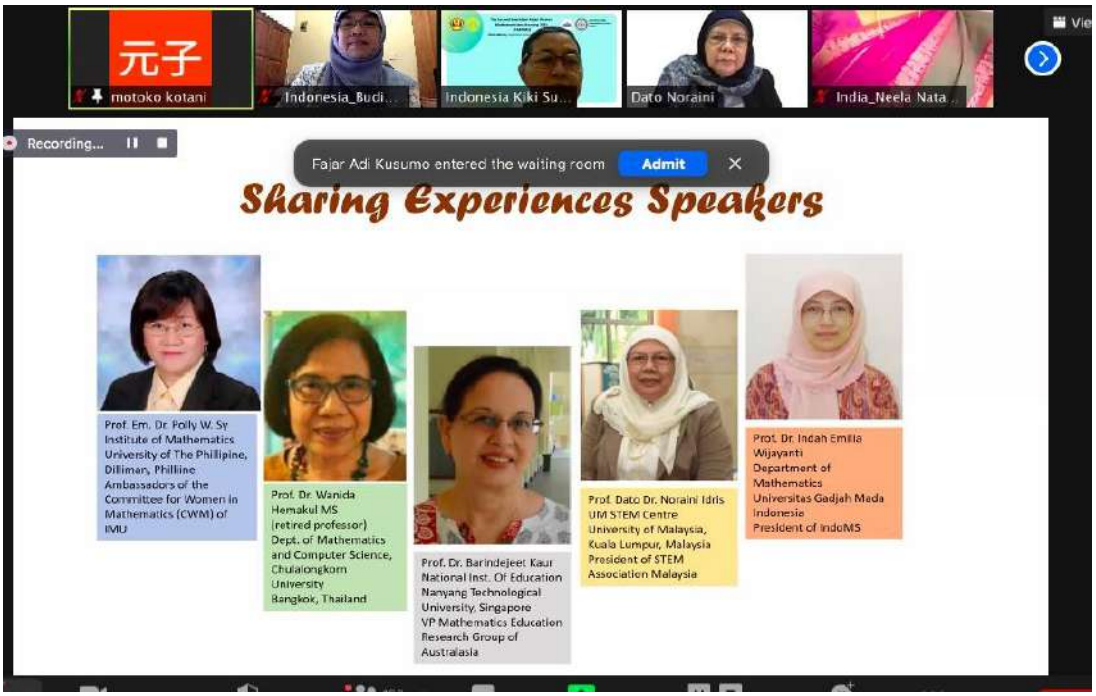
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Sharing Experiences Speakers
Prof. Em. Dr. Polly W. Sy
Institute of Mathematics
University of The Philipine, Diliman, Philliine
Ambassadors of the Committee for Women in Mathematics (CWM) of IMU
Prof. Dr. Wanida Hemakul MS
(retired professor)
Dept. of Mathematics and Computer Science,
Chulalongkorn University
Bangkok, Thailand
Prof. Dr. Barindejeet Kaur
National Inst. Of Education
Nanyang Technological University, Singapore
VP Mathematics Education Research Group of Australasia
Prof. Dato Dr. Noraini Idris
UM STEM Centre
University of Malaysia, Kuala Lumpur, Malaysia
President of STEM Association Malaysia
Prof. Dr. Indah Emilia Wijayanti
Department of Mathematics
Universitas Gadjah Mada
Indonesia
President of IndoMS

Platform for
a better connection of
Asian-Oceanian Women
in Mathematics
Motoko Kotani(Japan)
2021. 07. 11
Report of The first Asian-Oceanian
CWM ambassadors meeting
June 25 – 26, 2021
Indonesia Kiki Sugeng
Unmute
Budi Nurani Indonesia
Wahidah Sanusi
motoko kotani

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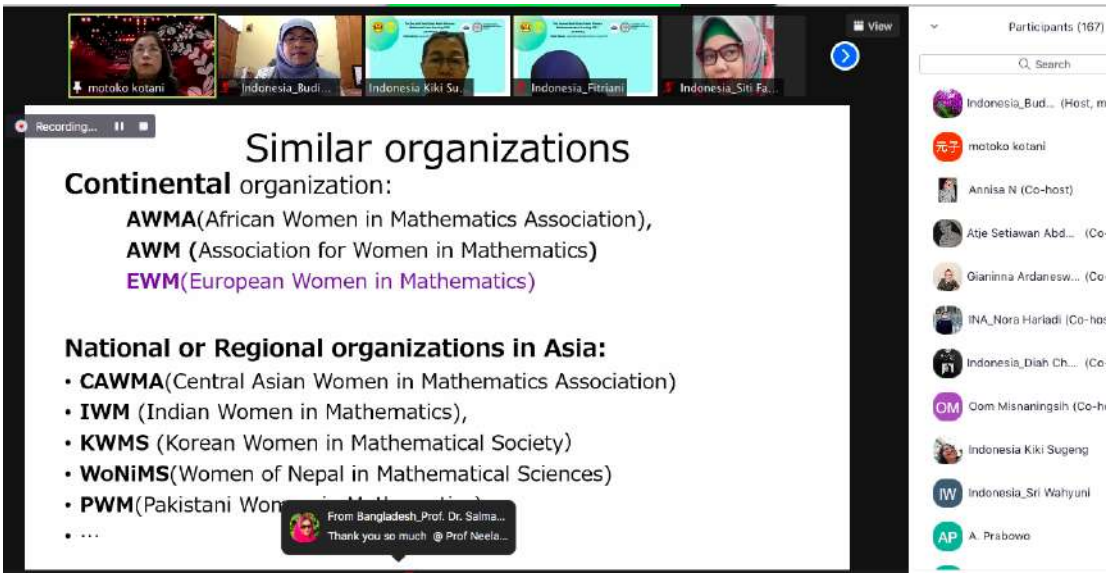
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Similar organizations
Continental organization:
AWMA(African Women in Mathematics Association),
AWM (Association for Women in Mathematics)
EWM(European Women in Mathematics)
National or Regional organizations in Asia:
• CAWMA(Central Asian Women in Mathematics Association)
• IWM (Indian Women in Mathematics),
• KWMS (Korean Women in Mathematical Society)
• WoNiMS(Women of Nepal in Mathematical Sciences)
• PWM(Pakistani Wom
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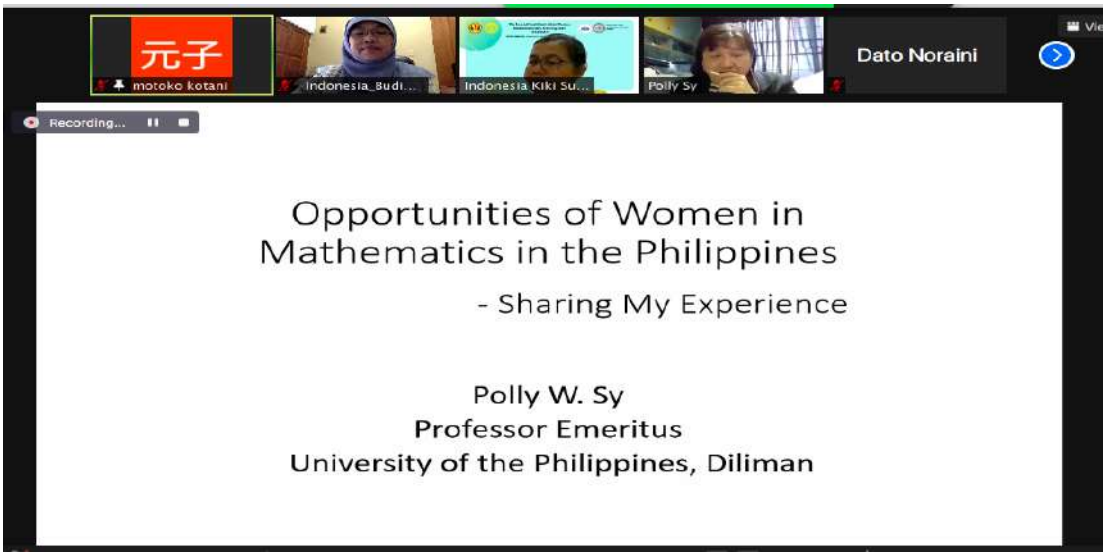
Case Study : EWM
https://www.europeanwomeninmaths.org
• Founded in 1986
• 500+ members, 37 European countries
Structures
General Assembly (GA), Standing committee
• Convenor, Deputy Convenor, National Coordinators
• General meetings (every 2 yrs), summer schools, support of national/regional events, web-based mentoring scheme
• e-mail, newsletter, website, archive
168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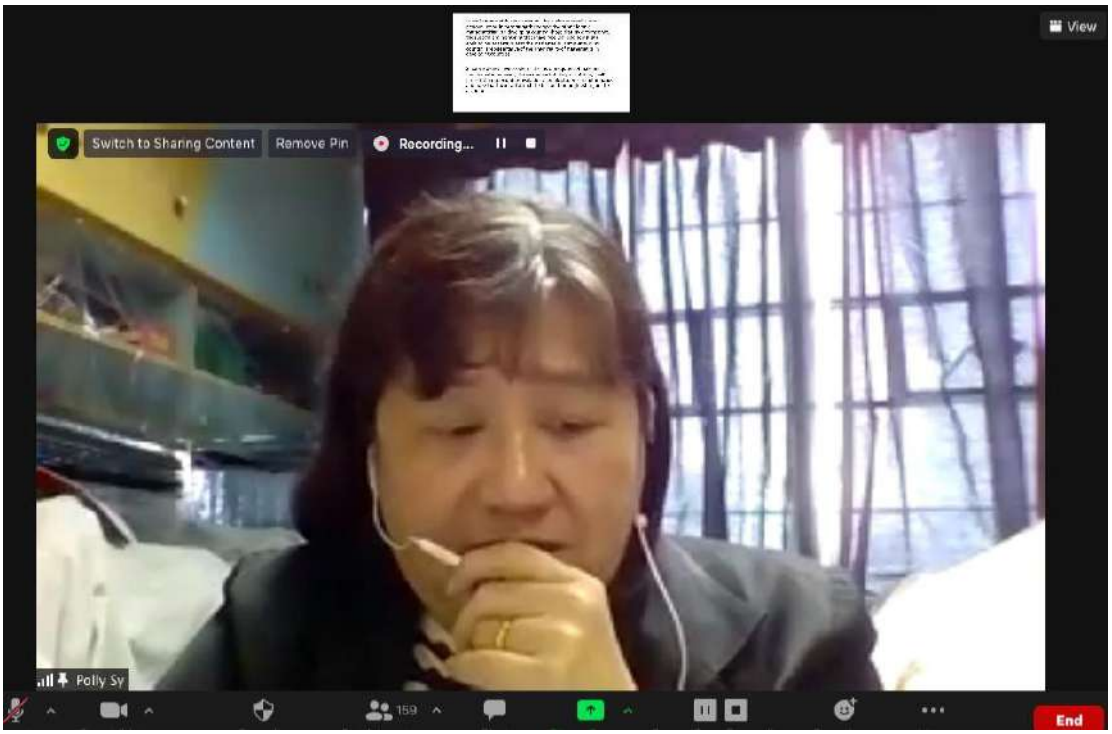
Opportunities of Women in Mathematics in the Philippines
- Sharing My Experience
Polly W. Sy
Professor Emeritus
University of the Philippines, Diliman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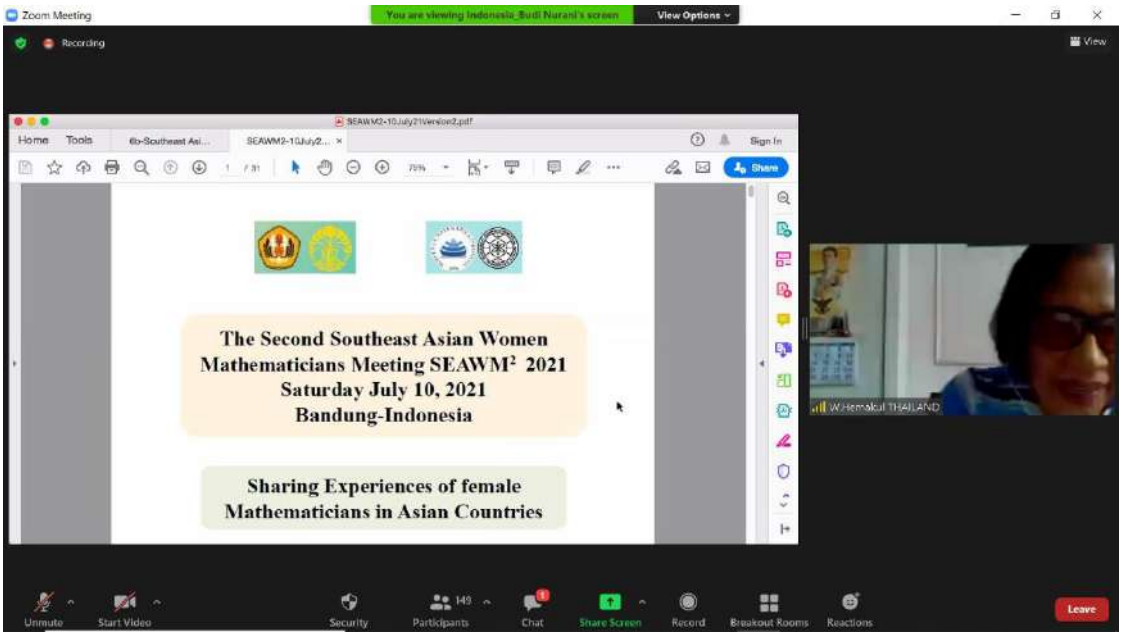
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Saturday July 10, 2021
Bandung-Indonesia
Sharing Experiences of female Mathematicians in Asian Countries
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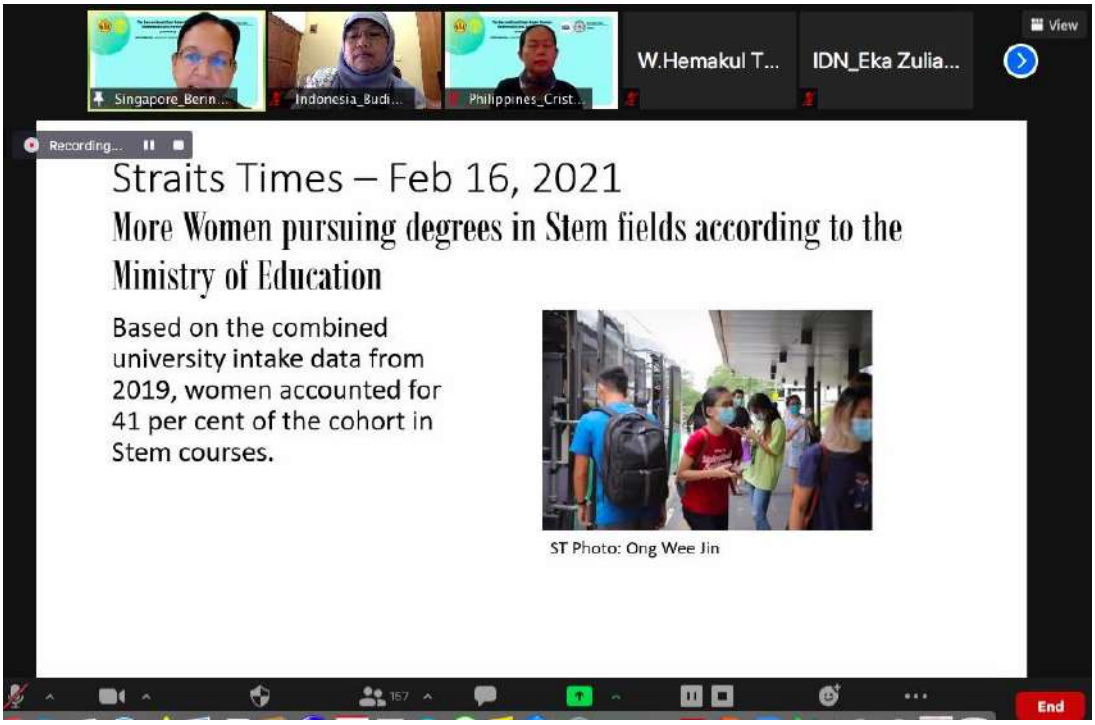
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Straits Times – Feb 16, 2021
More Women pursuing degrees in Stem fields according to the Ministry of Education
Based on the combined university intake data from 2019, women accounted for 41 per cent of the cohort in Stem courses.
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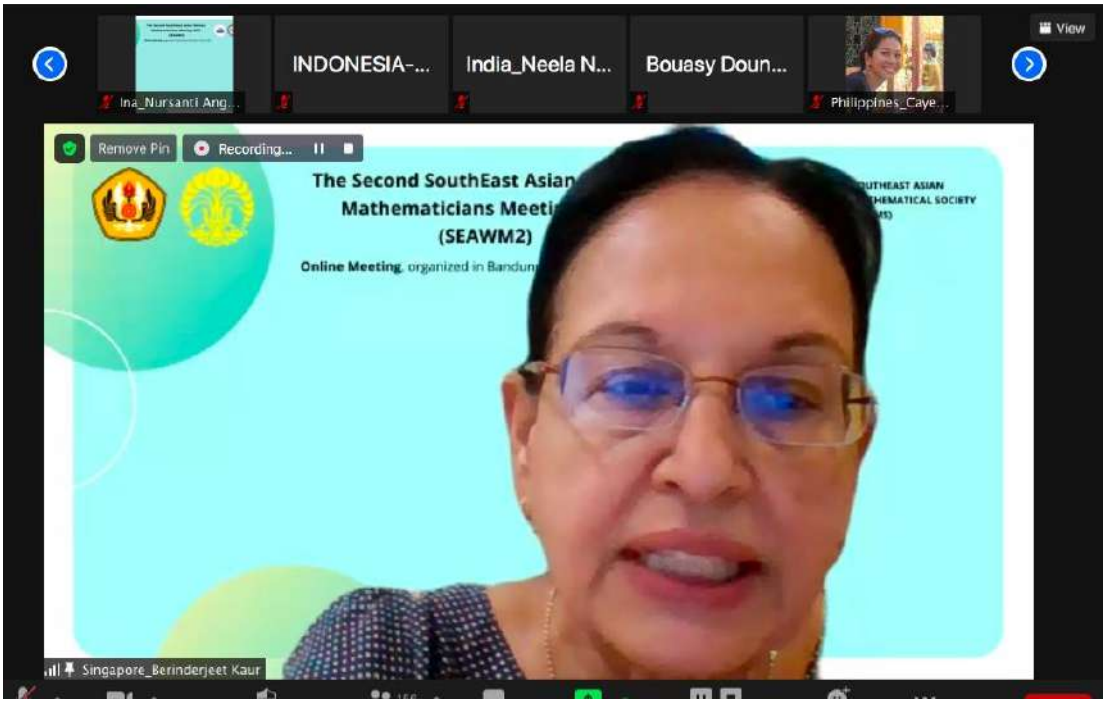
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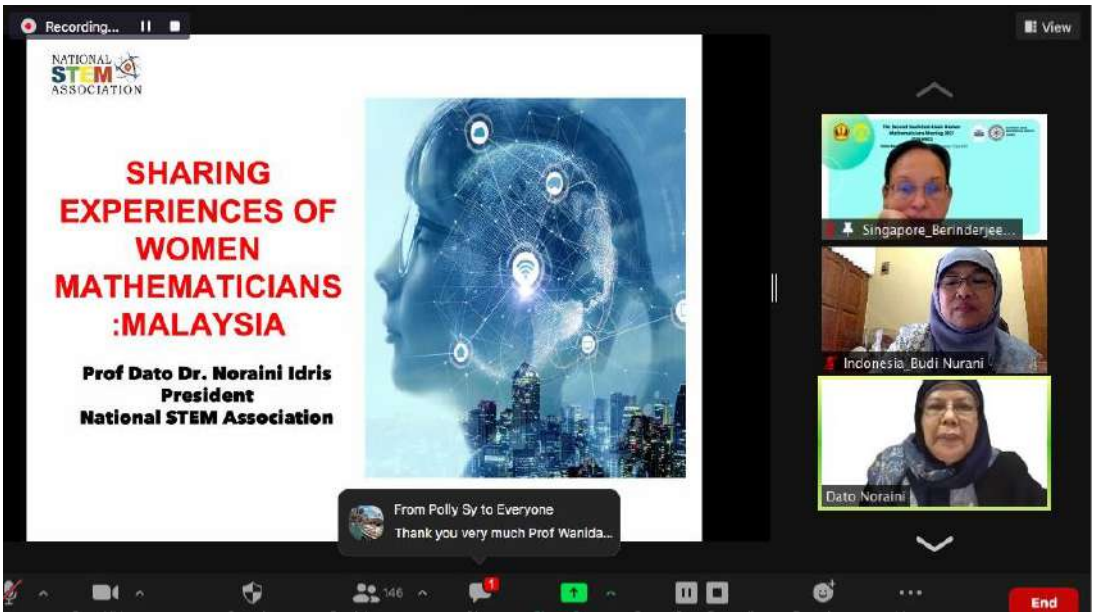
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NATIONAL STEM ASSOCIATION
SHARING EXPERIENCES OF WOMEN MATHEMATICIANS :MALAYSIA
Prof Dato Dr. Noraini Idris
President
National STEM Association
Singapore_Berinderjee...
Indonesia_Budi Nurani
Dato Noraini
From Polly Sy to Everyone
Thank you very much Prof Wanida...
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INDONESIAN MATHEMATICAL SOCIETY
CONNECTING AND SUPPORTING
WOMEN MATHEMATICIAN
Indah Emilia Wijayanti
The Second Southeast Asian Women Mathematicians Meeting (SEAWM2)
10th July 2021

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Maryam Mirzakhani
(1977–2017)
Pioneering mathematician and winner of the Fields Medal.
Maryam Mirzakhani was one of the greatest mathematicians of her generation. She made monumental contributions to the study of the dynamics and geometry of mathematical objects called Riemann surfaces. Just as impressive as her theorems was her ability to push a field in a new direction by always providing a fresh point of view. Her raw talent was rare, even among the most celebrated mathematicians, and she was known for having a taste for difficult problems.
She became an icon without wanting to be. She was the first woman and first Iranian to win the Fields Medal, considered the highest honour in mathematics. For women, Mirzakhani was a role model, pursuing a successful career in a male-dominated field. For Iran, she represented the country's tradition of intellectualism. And for young scientists, she was a calming force that rose above the pressures of academia. She died
University of Chicago in Illinois, Mirzakhani used this method to prove, for such spaces, a version of a theorem about a group of symmetric geometric objects known as Lie groups. The theorem was proposed by Marina Ratner, another leading mathematician in the field who also died in July, aged 78. The proof — a monumental work written up in a 200-page paper (A. Eskin and M. Mirzakhani Preprint at https://arxiv.org/abs/1302.3320; 2013) — tied together disparate fields including geometry, topology and dynamical systems, and spawned a field of its own. It has been dubbed the 'magic wand' theorem because it enabled many previously intractable mathematical problems to be solved.
Despite the fame and attention she received, Mirzakhani remained humble and grounded, always avoiding the spotlight. She listened to the work of other mathematicians with excitement and asked forward-looking

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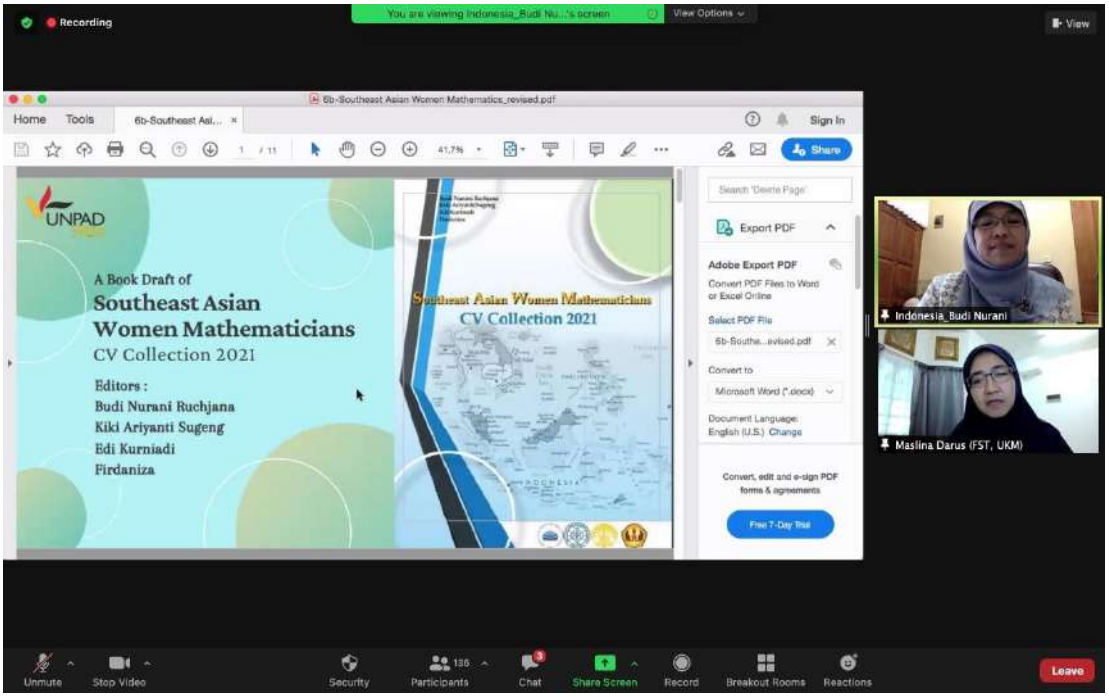
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Editors :
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https://www.unpad.ac.id/2021/07/unpad-tuan-rumah-pertemuan-matematikawan-wanita-sedunia/

The 2nd Southeast Asian Women Mathematicians Meeting (SEAWM2) 2021 is a realization of the participation of women mathematicians in developing mathematics and applications in various fields as well as the role of mathematics in human development in Southeast Asia. This book is one of the output of the second SEAWM2 supported by the Committee Women in Mathematics International Mathematical Union (CWM IMU). The book is a collection of short curriculum vitae of women mathematicians in the Southeast Asian countries or ASEAN to highlight their contributions not only at the academic level (locally and internationally) but also their social services outreach.

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