

WEEK ONE 1- 5 Sept 2014

Sunday August 31, 2014 - REGISTRATION 12.00 noon – 6.00 pm.

WEEK TWO 8 -12 Sept 2014

	09.00 - 10.30	11.00 - 12.30	1.30 - 03.30	3.30 - 05.00
Mon 1	Welcome and Opening of CANP4: Co-Chairs: Prof. Anjum Halai, Aga Khan University Institute for Educational Development EA Prof. Ferdinando Arzarello Università di Torino Via Carlo Alberto, Italy President ICM1	B Public Lecture 1: Prof. Edward Lungu University of Botswana	L Workshop 1a - Doing Mathematics and reflection on the process Facilitator: Dr. Alphonse Uworwabayeho, Kigali Institute of Education Rwanda Workshop 1b - Mathematical Representation Facilitator: Prof. Pierre Arnoux - University of Aix-Marseille (département de Mathématiques and Institut de Mathématiques de Luminy) France	• Networking over tea • Display of materials • Open informal conversation • Mathematical games and puzzles
Tue 2	Regional Presentation 1: Mapping the mathematics syllabus in Kenya, Uganda and Tanzania Dr. Geoff Tennant Aga Khan University Institute for Educational Development EA Dr. Simon Karuku	R Regional Presentation 2: Achievement in mathematics: Comparative analysis from East Africa Dr. Geoff Tennant and Veronica Sarungi Aga Khan University Institute for Educational Development EA	U Workshop 2a - Achievement in mathematics and issues for teaching and learning Facilitator: Masaba Nasur Mwambu, Secondary Science and Mathematics Teachers' (SESEMAT) Program Uganda Workshop 2b - Assessment of mathematics learning Facilitator: Aga Khan University Institute for Educational Development	• School visits (afternoon shift) • Other
Wed 3	Plenary Lecture 1: Bridging practices: Research led professional development in secondary mathematics – some lessons and results Prof. Jill Adler, University of Witwatersrand, South Africa	E Public Lecture 2: Mathematics in Science Jean-Juste Ngome, International Basic Sciences Program UNESCO	N Workshop 3a - Problem Solving in Mathematics Facilitator: Centre for Mathematics, Science and Technology Education in Africa (CEMASTE) Kenya Workshop 3b: Mathematics for Teaching Facilitator: Jill Adler	
Thu 4	Regional Presentation 3: Teaching and Teacher Education: Comparative perspectives from East Africa Prof. Anjum Halai and Peter Kajoro, Aga Khan University Institute for Educational Development EA	A Panel Presentation: Teacher development in mathematics education Kenya (CEMASTE), Uganda (SESEMAT), Tanzania (MAT), Rwanda	C Workshop 4a - Language and mathematics Facilitator: Prof. Anjum Halai Workshop 4b - Improving Teacher Education: Facilitator: Dr. Samuel Bengmark	
Fri 5	Plenary Lecture 2: ICT in Mathematics Education Dr. Samuel Bengmark - Department of Mathematical Sciences. Chalmers University of Technology Gothenburg Sweden	K Workshop 5a - Technology and Mathematics Education Facilitators: Dr. Alphonse Uworwabayeho, Peter Kajoro and Dr. Samuel Bengmark	H Workshop 5a - Mathematics & Technology Education Continued Workshop 5b - Lesson Study in Mathematics Facilitator: Prof. Jill Adler	
Sat 6	Half Day Social Event: Excursion One: National Museum, Tinga Tinga market Oysterbay. Excursion Two: Village Museum, Mwenge Market, Coco Beach			

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Mon 8	Plenary Lecture 3: Mathematics for Planet Earth Prof. Christiane Rousseau- Department of Mathematics and Statistics University of Montreal, Canada	B Plenary Lecture 4: The Klein Project Facilitator: Prof. Ferdinando Arzarello	L Workshop 6a - Mathematics for Planet Earth Facilitators: Prof. Christiane Rousseau with Veronica Sarungi Workshop 6b - Gender and Mathematics Facilitator: Nancy Nui CEMASTE Kenya	• Networking over tea • Display of materials • Open informal conversation
Tue 9	Plenary Lecture 5: Mathematical research: an introduction through games Prof. Pierre Arnoux - France	R Panel Presentation: a) Capacity Development for Mathematics Teaching in Rural and Remote Communities in Tanzania. Prof. Andrew Binde University of Dodoma; b) Silas Mirau; Nelson Mandela African Institute of Science & Technology Tanzania	U Workshop 7a - Recreation mathematics through games Facilitators: Prof. Pierre Arnoux & Mussa Muhamed, Aga Khan University Institute for Educational Development EA Workshop 7b - Introducing Algebra Facilitator: Dr. Geoff Tennant	• Mathematical games and puzzles • School visits (afternoon shift) • Other
Wed 10	Plenary Lecture 6: Mathematics in African cultural practices Prof. Paulus Gerdes Mozambican Ethnomathematics Research Centre Mozambique and Senior Advisor for Research and Quality at ISTEg- University Mozambique	A Panel Presentation: Cultural issues in mathematics education a) Kenya (Kogolla), b) Uganda (Masamba) c) Rwanda (Uworwabayeho)	C Workshop 8a - Mathematics in African cultural practices Facilitator: Prof. Paulus Gerdes Workshop 8b - Argumentation and proof in the classroom Facilitator: Prof. Ferdinando Arzarello	
Thu 11	International Council for Science (ICSU)	The Way Forward: Creating a regional network Chair: Prof. Ferdinando Arzarello and Prof. Anjum Halai	Workshop 10a - Doing mathematics and reflection on the process Facilitator: Patrick Kogolla CEMASTE Workshop 10b - Textbook Analysis: optimal use of teaching resources Facilitator: Peter Kajoro	
Fri 12	The way forward Country Group Deliberation	K The way forward Presentation to whole group	H Farewell and Departure	