INTERNATIONAL COMMISSION ON THE HISTORY OF MATHEMATICS (ICHM)

Report IMU 2016

1. Commission organisation

a. List officers and members of governing body and governance procedures.

The Executive Committee of the ICHM consists of the following members:

Chair
Craig Fraser (Institute for the History and Philosophy of Science and Technology, University of Toronto, Toronto, Canada) craig.fraser@utoronto.ca

Vice-chair
June Barrow-Green (Faculty of Mathematics, Open University, Milton Keynes, UK) June.Barrow-Green@open.ac.uk

Secretary
Elena Ausejo (Facultad de Ciencias Matemáticas, University of Zaragoza, Zaragoza, Spain) ichs@unizar.es

Treasurer
Henrik Kragh Sørensen (University of Copenhagen, Denmark) henrik.kragh@ind.ku.dk

Members-at-Large
Abdelmalek Bouzari (Algeria) Bouzari@ens-kouba.dz
Natalja Ermolaeva (Russia) naterm@NE2301.spb.edu
Clara H. Sánchez (Colombia) chsanchezb@unal.edu.co
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GUO Shirong (China) guoshirong1959@163.com, gsr@imnu.edu.cn

IMU Representatives
Ciro Ciliberto (Dipartimento di Matematica, Università degli Studi di Roma Tor Vergata, Rome, Italy) cilibert@mat.uniroma2.it
Shrikrishna G. Dani (Department of Mathematics, Indian Institute of Technology - Bombay, Powai, Mumbai, India) sdani@math.iitb.ac.in, shrigodani@gmail.com

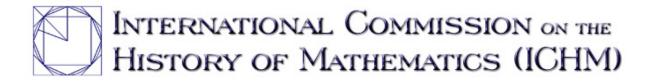*Ex-Officio*
Thomas Archibald (Canada) tarchi@sfu.ca
Reinhard Siegmund-Schultze (Norway) reinhard.siegmund-schultze@uia.no
Karen Parshall (USA) khp3k@virginia.edu
Joseph W. Dauben (USA) jdauben@att.net

The Executive Council of the ICHM had four electronic meetings (E-meetings) in 2016.

b. Sub-committees and their functions, with brief details of activities.

A subcommittee has been struck to receive nominations and make a recommendation for the Kenneth O. May Prize, to be awarded at the Rio ICHST Congress in 2017.
The Kenneth O. May Medal and Prize is given for outstanding contributions to the history of mathematics on the occasion of the International Congress of History of Science.

A subcommittee has been struck to make a recommendation for the Montucla Prize, to be awarded at the Rio ICHST Congress in 2017.
The Montucla Prize is awarded by the Executive Committee of the International Commission for the History of Mathematics every four years to the author of the best article by a junior scholar published in *Historia Mathematica* in the four years preceding the International Congress of History of Science and Technology.

c. Details of membership numbers of the Commission.

There are 46 National Members of the ICHM: Algeria, Australia, Austria, Belgium, Belorussia, Brazil, Canada, China, Costa Rica, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Guatemala, Iceland, Iran, Israel, Italy, Japan, Kazakhstan, Korea, Luxemburg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Russia, Saudi Arabia, Singapore, Slovak Republic, Spain, Sweden, Switzerland, Syria, Taiwan, Tunisia, Turkey, Ukraine, United Kingdom, USA.
Individuals are listed at http://www.unizar.es/ichm/members.htm.

d. URL of Commission website.

http://www.unizar.es/ichm/. It is updated at least four times yearly.

2. Activities

a. Activities undertaken or sponsored by the Commission in the last year.

The Grattan-Guinness Archival Research Travel Grant

ICHM Co-Sponsored *27th Novembertagung on the History of Mathematics* (Aarhus University, Sandbjerg Gods, Denmark, November 24-26, 2016)
ICHM Co-Sponsored Conference *Mathematical Biography: A Mactutor Celebration* (St. Andrews University, Scotland, September, 16-17, 2016
ICHM Co-Sponsored *13th Austrian Symposium on the History of Mathematics* (Miesenbach, Lower Austria, May 1-7, 2016)
Report on the ICHM Co-Sponsored Conference *Mathematics Emerging: a tribute to Jackie Stedall and her influence on the history of mathematics* (The Queen's College, Oxford, UK, April 9-10, 2016)
Report on the ICHM Co-Sponsored *AMS-MAA Special Sessions on History of Mathematics* (Seattle, Washington, USA, January 6-8, 2016)

b. Publications arising from the work of the Commission in the last year.

Historia Mathematica is the official journal of the ICHM. It appears four times annually and publishes roughly 525 pages of original research in the history of mathematics from all times and cultures. The journal is currently edited by Thomas Archibald (Simon Fraser University, Canada) and Reinhard Siegmund-Schultze (University of Adger, Norway). It is published by Elsevier Science and is available electronically to subscribers of ScienceDirect

c. Other activities supported in the last year.

The ICHM maintains an international e-mail list. This list serves to send out information from the ICHM to historians of mathematics internationally. Any historian of mathematics may become part of this e-list simply by contacting the Secretary of the ICHM.

3. Future plans

a. Activities planned for the next year.

ICHM Co-Sponsored *AMS-MAA Special Sessions on History of Mathematics* (Atlanta, Georgia, USA, January 4-5, 2017) (No financial aid is being requested).

ICHM Co-Sponsored Symposia on the History of Mathematics at the 25th International Congress of History of Science and Technology (ICHST, Rio de Janeiro, Brazil, July 23-29, 2017)
> S-79. Mathematical Methods at Work in Ancient China—Local Applications with Global Connections
> S-26. State of the art in the history of mathematics in Iberoamerica
> S-27. The resurgence of applied mathematics 1850-1950: national and international, academic, industrial and military contexts
> S-82. Global Mathematics

Kenneth O. May Medal and Prize, to be awarded at the Rio ICHST Congress in 2017
> The Kenneth O. May Medal and Prize is given for outstanding contributions to the history of mathematics on the occasion of the International Congress of History of Science.
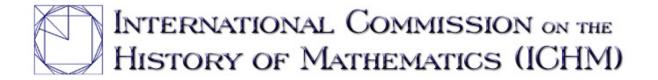
Montucla Prize 2017, to be awarded at the Rio ICHST Congress in 2017
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b. Plans for development of the Commission's website.

There are plans to remodel the ICHM website with the assistance of website specialists from the International Mathematical Union. It is expected that this will take place in 2017.

c. Planned changes to the governance or organisation structure of the Commission.
The current ICHM rules of governance are being reformulated as "terms of reference" for inter-union member commissions of the DHST and the IMU.

4. Financial report

Expenditures for the past year are website ($169), administration ($115) and conferences ($1116). Conference organizers submit reports on their conferences that are published on the ICHM website. The financial assistance is offered to the conference organizer in the form of a grant. Although a summary of how the funds are used is required, the ICHM does not currently employ detailed accounting procedures involving scans of receipts.

We are budgeting for $180 (website costs), $130 (administrative costs) and $1500 (conference support). The conference funds will support participation in the four ICHM co-sponsored symposia at the ICHST in Rio next summer.

The financial position of the ICHM is currently very good. We receive funds each year from Elsevier for our oversight of the journal *Historia Mathematica*, the official journal of the ICHM. However, we are expecting very considerable expenditures in 2017 in connection with the ICHST. The ICHM provides honoraria and covers travel expenses for the May and Montucla prize winners –there are typically two May Prize winners. Travel costs to Rio are expected to be much larger than the corresponding costs were for the congresses in Budapest and Manchester. The ICHM has agreed to provide $12,000 in support for travel for participants in financial need for the four ICHM co-sponsored symposia. In addition to this, there will be other conferences in 2017 that the ICHM will consider for co-sponsorship.