2024 Report of the ICHM to the IMU

June Barrow-Green (Chair)

1. Commission organisation

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

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

Chair

June Barrow-Green (School of Mathematics & Statistics, Faculty of STEM, Open University, Milton Keynes, UK) <u>June.Barrow-Green@open.ac.uk</u>

Vice-chair

Clemency Montelle (University of Canterbury, New Zealand) clemency.montelle@canterbury.ac.nz

Secretary

Sloan Despeaux (Western Carolina University, USA) despeaux@email.wcu.edu

Treasurer

Eisso Atzema (University of Maine, USA) eisso.atzema@maine.edu

Members-at-Large

Michela Malpangotto (France) michela.malpangotto@obspm.fr

S. Mohammad Mozaffari (Iran/China) mozaffari@ustc.edu.cn

Volker Remmert (Germany) remmert@uni-wuppertal.de

Adrian Rice (USA) arice4@rmc.edu

Clara H. Sánchez (Colombia) chsanchezb@unal.edu.co

GUO Shirong (China) guoshirong1959@163.com, gsr@imnu.edu.cn

Galina Sinkevich (Russia) galina.sinkevich@gmail.com

IMU Representatives:

Isobel Falconer (School of Mathematics and Statistics, University of St Andrews, Scotland) ijf3@st-andrews.ac.uk

Guillermo P. Curbera (Instituto de Matemáticas, Universidad de Sevilla, Spain) curbera@us.es

Ex-Officio

Craig Fraser (University of Toronto, Canada) craig.fraser@utoronto.ca (immediate past chair)

Antoni Malet (Universitat Pompeu Fabra, Spain) <u>antoni.malet@upf.edu</u> (editor *Historia Mathematica*)

Jeffrey Oaks (University of Indianapolis, USA) <u>oaks@uindy.edu</u> (editor *Historia Mathematica*)

In 2024, the Executive Committee of the ICHM had two 'listening' members: Snezana Lawrence (International Study Group on the Relations between the History and Pedagogy of Mathematics (HPM), an affiliate of the ICMI) and Tatiano Toro (IMU liaison).

In 2024, the Executive Committee of the ICHM had four business e-meetings together with related email discussions.

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

Kenneth O. May Prize Committee (2025)

June Barrow-Green (Chair) (UK) Volker Remmert (Germany) Norbert Schappacher (France) Nathan Sidoli (Japan)

The Kenneth O. May Prize is awarded every four years to a historian or historians of mathematics in recognition of distinguished contributions to the history of mathematics. A call for nominations was made in 2024. The Committee will propose two candidates to present to the ICHM Executive Committee for its consideration and vote.

Montucla Prize Committee (2025)

Adrian Rice (Chair) (USA) Antoni Malet (Spain) Jeffrey Oakes (USA)

The Montucla Prize is awarded every four years to the author of the best article published in *Historia Mathematica* by an early-career researcher in the four years preceding the International Congress of History of Science and Technology. The Committee will propose a candidate to the ICHM Executive Committee for its consideration and vote.

c. Details of membership of the Commission

There are 44 National Members of the ICHM: Algeria, 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, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Russia, Saudi Arabia, Singapore, Slovak Republic, Spain, Sweden, Switzerland, Syria, Taiwan, Tunisia, Turkey, United Kingdom, USA.

Individuals are listed at https://www.mathunion.org/ichm/about-us/members

d. URL of Commission website

https://www.mathunion.org/ichm. It is updated whenever necessary, e.g. to include changes in membership, reports of meetings, etc.

2. Activities

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

- ICHM panel on 'Translating European Mathematics' European Congress of Mathematics (Seville, 15-19 July 2024). The panel was chaired by Norbert Schappacher, with members June Barrow-Green, François Lê, and Frances Goldman. The panel was fully funded by the Congress.
- "History of Modern Mathematics: a conversation" (Institute for Advanced Study and online, 20 September 2024). An event organised jointly with the Institute for Advanced Study and the International Academy for the History of Science. Lecture by Volker Remmert (Wuppertal) and Rebecca Waldecker (Halle) "Big Mathematics? The Classification of Finite Simple Groups, 1950s-1980" followed by panel discussion "History of Modern Mathematics how and why?".

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 Antoni Malet (Universitat Pompeu Fabra, Spain) and Jeffrey Oaks (University of Indianapolis, USA). It is published by Elsevier Science and is available electronically to subscribers of ScienceDirect.

c. Activities supported in the last year

Early Career Scholar Grants

Due to Covid-19, many early career scholars have been denied the opportunity to participate in face-to-face conferences, and helping with funding their attendance at such conferences is usually the main way in which the ICHM offers them support. In October 2020, the ICHM instituted a grant scheme for early career scholars to fund individual research-related activities with an international dimension. Such activities could include registration fees for online conferences, childcare grants for attendance at online conferences, cost of scans from overseas archives, etc. In 2022 it was agreed to continue this source of funding for early career scholars for the foreseeable future. https://www.mathunion.org/ichm/grants-sponsorships/ichm-grants

- Two travel grants for ECRs in France for participation in BHSM Research in Progress, Oxford, UK, March 2024.
- Travel grant for an ECR in Serbia to enable a research visit in France, December 2024.

Other Activities

 We awarded funding for the 34th Novembertagung which was held at the Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade, Serbia. See the <u>report</u> on our website.

[The Novembertagung, which is organised by early career scholars for early career scholars, is held every year in a different country. We consider this to be one of the most important meetings supported by the ICHM as it enables early career scholars to make contact with one another at an international level as well as having the opportunity to present their work in a supportive environment.]

We sponsored a Summer School at ICMS in Edinburgh on "<u>Summer School in the History of Mathematics - Current research on the history of mathematics in the ancient world: new questions and new approaches</u>" which was exclusively for ECRs. See the <u>report</u> on our website.

d. Changes to the governance or organisation structure of the Commission

None

3. Future plans

Activities planned for 2025

We have awarded travel grants of 300€ each two ECRs to enable them to participate in the Modern History of Mathematics Programme, at the Isaac Newton Institute, Cambridge, UK (8 January-2 May 2025).

We anticipate awarding travel grants for participation in the BSHM Research in Progress meeting, Oxford, UK (22 February 2025).

We are sponsoring four symposia at the <u>27th International Congress of History of Science</u> and <u>Technology</u> (ICHST) in Dunedin, New Zealand. We will be awarding funding to facilitate attendance at the Congress by ECRs, unemployed scholars and other disadvantaged groups. One symposium has five eligible scholars hoping to attend in person and one symposium has three eligible scholars hoping to attend in person. We will do what we can to support all these scholars but we will only be able to cover a small proportion of their expenses.

The ICHST is where we hold an open meeting and award the ICHM prizes – the May Medal & Prize to senior scholars and the Montucla Prize to ECRs. We hope that the prize-winners will be able to travel to Dunedin to receive their prizes and have set aside funds for this purpose, although it is unlikely that we will be able to cover all expenses for all prize-winners – it will largely depend on where they live.

Funds will be available to support the 35th Novembertagung which is due to be held in the autumn of 2025 in either Utrecht or Istanbul. We will also make funds available to support Novembertagung satellite meetings for scholars for whom travel is not viable.

4. Financial report

Expenditure for 2024

Earl-Career Scholar Grant

- Travel grants for two ECRs to participate in BHSM Research in Progress, March 2024. EUR 416.02 awarded.
- Research grant for ECR, July 2024. EUR 87.55 awarded. [One ECR grant has yet to be claimed.]

International Conferences

- Summer School at ICMS, Edinburgh, Scotland. 15-26 July 2024. EUR 1362.98 awarded.
- 34th Novembertagung, Belgrade, Serbia. 11-13 November 2024. EUR 2516.29 awarded.

Conference organizers submit reports on their conferences and these reports are published on the ICHM website here. The financial assistance is offered to the conference organizer in the form of a grant.

Income for 2024

Elsevier Honoraria US\$ 5000.

DHST Grant EUR 2000.

The financial position of the ICHM is currently good but will become less flexible after the payment of grants enabling participation at the ICHST 2025.