

HPM 2024
First Announcement
History and Pedagogy of Mathematics (HPM) 2024
Satellite Meeting¹ of ICME 15²
July 1 to 5, 2024
University of New South Wales, Sydney, Australia
<https://hpm.sites.uu.nl/upcoming-meeting/>

1. The HPM Group: Introduction, aim and focus

HPM 2024 is the eleventh quadrennial meeting of the International Study Group on the Relations Between the History and Pedagogy of Mathematics—the HPM Group. The HPM Group is an affiliated study group of the International Commission on Mathematical Instruction (ICMI).³ By combining the history of mathematics with the teaching and learning of mathematics, HPM connects the past and the future of mathematics. Therefore, the group aims to stress the conception of mathematics as a living science, a science with a long history, a vivid present, and an as yet unforeseen future.

These quadrennial meetings are a major activity of HPM to bring together individuals with a keen interest in the relationship between the history of mathematics and mathematics education. They include:

- Researchers in mathematics education who are interested in the history of mathematics and mathematical thinking;
- Mathematics teachers at all levels who are eager to gain insights into how the history of mathematics can be integrated into teaching and how they can help students to learn mathematics;
- Historians of mathematics who wish to talk about their research;
- Mathematicians who want to learn about new possibilities to teach their discipline; and
- All those with an interest in the history of mathematics and pedagogy.

2. Main theme and topics

The theme of HPM 2024 is “Mathematics of Australia and the Indo-Pacific.” While this theme serves as a main focus for the meeting, the program and activities are structured around the following general topics:

1. Theoretical and/or conceptual frameworks for integrating history in mathematics education.
2. History and epistemology in students’ and teachers’ mathematics education: Classroom experiments and teaching materials.
3. Original sources in the classroom and their educational effects.
4. Mathematics and its relation to science, technology, and the arts: Historical issues and interdisciplinary teaching and learning.
5. Cultures and history of mathematics fruitfully interwoven.
6. Topics in the history of mathematics education.
7. History of mathematics in Australia and the Indo-Pacific.

¹ Meetings of the affiliated international study groups of the International Commission on Mathematical Instruction (ICMI) typically take place just before or after the quadrennial International Congress on Mathematical Education (ICME).

² Please note that the 15th International Congress on Mathematical Education (ICME-15) will take place just after HPM 2024, from 7–14 July 2024 in Sydney, Australia (see: icme15.org).

³ See <https://www.mathunion.org/icmi/organization/affiliated-organizations>.

3. Activities during the 2024 HPM Conference

The HPM Conference is a place where mathematicians, educators, historians, researchers, and students can make presentations and participate in discussions.

The program includes:

- plenary lectures;
- panels;
- workshops;
- parallel sessions where participants present research reports;
- poster exhibitions; and
- exhibitions of books and other didactical material.

Plenary sessions and panels deal with the seven main topics of the conference. Plenary speakers and panelists are invited by the International Program Committee.

We encourage participants to submit proposals for the following activities: workshops, research reports, poster exhibitions, and exhibitions of books and other didactical material.

Research reports are intended to communicate new research results. They take place in parallel sessions of 25-minute oral presentations followed by 5-minute discussions.

Workshops focus on the exchange of ideas and discussion among the participants around some historical or didactical material prepared beforehand by the workshop organizer. The material usually includes original historical texts, didactical material, students' worksheets, etc. Workshops can be one hour or two hours in duration.

Posters present summaries of ongoing or completed research, new ideas, etc.

4. Time and place

The 2024 HPM Conference will be held from **Monday 1 July** to **Friday 5 July 2024** on the Kensington campus of the University of New South Wales in Sydney, Australia. Located on Australia's southeastern coast, Sydney is the country's largest city and also one of its most culturally and linguistically diverse areas. Built on low hills surrounding a huge harbor, it has long been one of the most important ports in the South Pacific. Founded in 1949, the University of New South Wales is one of Australia's leading research and teaching universities. Located in the eastern suburbs of Sydney about 12 km from Sydney's central business district, the Kensington campus is a busy, thriving community, the size of a small town.

5. Official language

The official language of the conference is English.

6. Submission of proposals

To submit a proposal for a research report, workshop, and/or poster, the following procedure must be followed:

- (a) For each proposal, individuals prepare an abstract of 250–400 words using the HPM 2024 Activity Application Form (<https://hpm.sites.uu.nl/wp-content/uploads/sites/905/2023/12/HPM-2024-Activity-Application-Form.docx> or <https://hpm.sites.uu.nl/wp-content/uploads/sites/905/2023/12/HPM-2024-Activity-Application-Form.pdf>).
- (b) Completed proposals must be submitted via electronic communication to the email addresses listed on the application form no later than 15 February 2024. (Earlier submissions appreciated.)

The members of the International Program Committee (IPC) will review the submitted abstracts. In case of acceptance, the abstract will appear in the Conference Program, and its author (or authors) will present the activity described in the abstract during the conference. However, this does not automatically imply that a full text based on this activity will be included in the *HPM 2024 Proceedings*, which will be published after the meeting, so that authors are given the opportunity to enrich their text as a result of the feedback they will gain during the meeting.

Full texts for inclusion to the *HPM 2024 Proceedings* will be submitted after HPM 2024 and will be further reviewed by members of the IPC by the usual international standards. In all other cases, abstracts that have been accepted and presented at the conference meeting in Sydney will also be included in these Proceedings.

Details on the procedure and the deadline for submitting full texts, their size, the format guidelines, and the expected date by which the proceedings will be available to all registered participants, will be announced in due course on the HPM website (<https://hpm.sites.uu.nl/upcoming-meeting/>).

Summary of deadlines

- Submission of abstracts: 15 February 2024
- Notification of acceptance for presentation or not of submitted abstracts: 7 March 2024

7. Registration fee

Registration fees and deadlines will be announced prior to the deadline for abstract submission.

Conference fees will be comparable to those of previous HPM quadrennial meetings (e.g., hpm2016.sciencesconf.org/, www.um.edu.mo/fed/HPM2020/) and will include 5 lunches, 8 coffee breaks, as well as the gala dinner and an excursion.

8. The International Program Committee (IPC)

The members of the 2024 HPM IPC will issue invitations to plenary speakers and panelists and coordinate the peer-review process for the meeting. The IPC includes the following groups:

HPM 2024 Chairs

Snezana Lawrence (UK), Chair
Jim Pettigrew (Australia), Co-Chair

HPM 2024 Organizing Committee

Évelyne Barbin (France)
Janet Heine Barnett (USA)
Renaud Chorlay (France)
Gail FitzSimons (Australia)
Michael N. Fried (Israel)
Marc Moyon (France)
Hélder Pinto (Portugal)
Luis Puig (Spain)
Donald Shearman (Australia)

HPM Executive Committee

Évelyne Barbin (France)
Michael N. Fried (Israel)
Ewa Łakoma (Poland)
Frédéric Métin (France)
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HPM Advisory Board

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Tinne Hoff Kjeldsen (Denmark)
Dominic Klyve (USA)
Tsang-Yi Lin (Taiwan)

Kostas Nikolantonakis (Greece)
Antonio M. Oller-Marcén (Spain)
Maurice O'Reilly (Ireland)
Danny Otero (USA)
Johanna Pejlare (Sweden)
David Pengelley (USA)
Hélder Pinto (Portugal)
Luis Puig (Spain)
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Gert Schubring (Germany)
Bjørn Smestad (Norway)
Yi-Wen Su (Taiwan)
Constantinos Tzanakis (Greece)
Caterina Vicentini (Italy)
Ysette Weiss (Germany)
Greicy Winicki-Landman (USA)

9. The Local Organizing Committee (LOC)

Jim Pettigrew (Australia), Chair
Merryn Horrocks (Australia)
Donald Shearman (Australia)

10. Website

Follow us at: <https://hpm.sites.uu.nl/upcoming-meeting/>

11. Contact

General inquiries about the conference and its themes can be addressed to:

Snezana Lawrence, snezana@mathsisgoodforyou.com

Inquiries about the conference venue and general on-site organization can be addressed to:

Jim Pettigrew, j.pettigrew@unsw.edu.au

To submit papers, please download the application form ([Word](#), [pdf](#)) and email it to:

- Luis Puig, luis.puig@uv.es
- Renaud Chorlay, renaud.chorlay@inspe-paris.fr