

HPM 2016
“Mathematics in the Mediterranean”

First Announcement

History and Pedagogy of Mathematics (HPM)
2016 Satellite Meeting of ICME 13

July 18 to 22, 2016
Montpellier, France

1. Aim and focus

HPM 2016 is the ninth quadrennial meeting of the International Study Group on the Relations Between the History and Pedagogy of Mathematics—the HPM Group.

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 2016 is “Mathematics in the Mediterranean.” The program and activities are structured around the following 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 mathematics.
6. Topics in the history of mathematics education.
7. Mathematics in Mediterranean countries.

3. Activities during the 2016 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,
- discussion groups,
- workshops,
- parallel sessions where participants present research reports,
- poster exhibitions, and
- exhibitions of books and other didactical material.

Plenary sessions, discussion groups, and panels deal with the main topics of the conference. Plenary speakers, panelists, and coordinators of discussion groups are invited by the scientific committee.

We encourage you to make submissions 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 2016 HPM Conference will be held from **July 18 to July 22, 2016** in **Montpellier, France**. Montpellier is a beautiful town, very famous for its culture and history. The University of Montpellier, the host of the 2016 HPM Conference, is one of the oldest universities in the world, where Joseph D. Gergonne published in the early 19th century one of the oldest mathematical journals. Gergonne's portrait appears in the logo and the website banner of the Conference.

5. Official languages

The official languages of the conference are English and French.

6. Submission of proposals

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

Using the **HPM 2016-Activity Application Form**, for each proposal, individuals submit an **abstract** of no more than 500 words no later than October 31, 2015.

If the Scientific Committee accepts the abstract, the abstract will appear in the

Conference Program, and its author will present during the conference the activity described in the abstract.

The authors of accepted abstracts who wish to submit a **full paper** should do so no later than January 31, 2016. The paper undergoes a process of peer review using the usual international standards. Accepted papers will appear in the *Online Proceedings of the 2016 HPM Conference* to be available at the beginning of the Conference.

In all other cases, the abstract that has been accepted will also be included in these Proceedings.

More details on the size of the texts and the format guidelines will appear in the 2nd Announcement and in the HPM 2016 and HPM websites:

<http://hpm2016.sciencesconf.org>

<http://www.clab.edc.uoc.gr/hpm/>

Summary of deadlines:

Submission of Abstracts: **October 31, 2015**

Notification of acceptance or not of the submitted abstracts: **30 November 2015**

Submission of full texts: **January 31, 2016.**

Notification of acceptance or not of the submitted texts: **30 March 2016**

The members of the 2016 HPM Scientific Committee (ScC) will coordinate the peer-review process.

7. Registration fee

- *Early registration* (before April 15, 2016): 250 € (student or young researcher 150 €)
- *Regular registration* (between April 15 and June 15, 2016): 300 € (student or young researcher 200 €)
- Registration after June 15, 2016, or at the conference: 350 €

The conference fee includes: 5 lunches, 9 coffee breaks, as well as the gala dinner on the seaside and an excursion.

8. The International Scientific Committee (ScC)

Evelyne Barbin, France

Renaud Chorlay, France

Viviane Durand-Guerrier, France

Abdellah El Idrissi, Morocco

Gail FitzSimons, Australia

Fulvia Furinghetti, Italy

Thomas Hausberger, France

Masami Isoda, Japan

Luis Puig, Spain

Anjing Qu, China
Luis Radford, Canada (Chair)
Man Keung Siu, Hong Kong SAR, China
Bjørn Smestad, Norway
Constantinos Tzanakis, Greece

9. The Local Organizing Committee (LOC)

Aurélie Chesnais
Anne Cortella (Co-chair)
Viviane Durand-Guerrier
Thomas Hausberger (Chair)
Simon Modeste
Nicolas Saby

10. Website

Follow us at:

<http://hpm2016.sciencesconf.org>

11. Contact

For further information, please contact:

- Luis Radford (Chair), lradford@laurentian.ca
- Fulvia Furinghetti (Co-chair), furinghetti@dima.unige.it
- Thomas Hausberger (Co-chair), thomas.hausberger@univ-montp2.fr
- Anne Cortella (Co-chair), anne.cortella@univ-montp2.fr

HPM is affiliated with ICMI (International Commission on Mathematical Instruction).
HPM 2016 is a satellite meeting of the 2016 International Congress on Mathematical Education and is scheduled close to ICME.

Please note that the 13th International Congress on Mathematical Education (ICME-13) will take place right after HPM 2016, from July 24 to July 31, 2016 in Hamburg, Germany (see <http://www.icme13.org/>).