

**HPM 2016**  
**SECOND ANNOUNCEMENT**

**History and Pedagogy of Mathematics**  
**The HPM Satellite Meeting of ICME-13**

**“Mathematics in the Mediterranean”**

**July 18 to 22, 2016**  
**Montpellier, France**

***Website***

The website is available at <http://hpm2016.sciencesconf.org>

Use it as a very efficient tool to promote the HPM 2016 Satellite Meeting worldwide, for online registration, and to obtain information on accommodations, excursions, and sightseeing, etc.

***Aim and focus***

The HPM 2016 Satellite Meeting is the ninth quadrennial meeting of the International Study Group on the Relations between the History and Pedagogy of Mathematics (the HPM Group), affiliated with ICMI. It is a satellite meeting of the corresponding ICME International Congress on Mathematical Education (ICME) and is scheduled a few days before or after ICME.

The 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.

***Time and place***

The HPM 2016 Satellite Meeting will be held from **July 18 to July 22, 2016** in **Montpellier, France**. It is organized by the HPM group and IREM de Montpellier and will take place at the *Faculty of Education of the University of Montpellier, 2 place Marcel Godechot*.

Montpellier is a beautiful town, very famous for its culture and history. Its university, one of the oldest universities in the world, is where Joseph D. Gergonne published in the early 19<sup>th</sup> century one of the oldest mathematical journals. Gergonne's portrait appears in the logo and the website banner of the Conference.

ICME-13 will be held from **July 24 to July 31, 2016** in **Hamburg, Germany**. Its scientific program includes oral presentations and activities on the history and pedagogy of mathematics and on the history of mathematical teaching.

### ***Main themes of the HPM 2016 Satellite Meeting***

The theme of the HPM 2016 Satellite Meeting 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.

### ***Activities during HPM 2016***

The HPM 2016 Satellite Meeting comprises a scientific program and social activities.

The scientific program includes:

- plenary lectures;
- a public lecture;
- panels;
- discussion groups;
- workshops;
- parallel sessions where participants present research reports;
- poster exhibitions; and
- exhibitions of books and other didactic material.

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

Social activities include a gala dinner and excursions (please see below).

## ***Plenary Lectures***

### **Les sources originales dans la salle de classe et leurs effets éducatifs**

Renaud Chorlay, ESPÉ de l'académie de Paris, France

### **Mathématiques dans les pays méditerranéens : La connexion Andalousienne et Maghrébinne**

Ahmed Djebbar, Université de Lille, France

### **The mathematical cultures of medieval Europe**

Victor J. Katz, Professor Emeritus, University of the District of Columbia, Washington, DC, USA

### **Formative years: Hans Freudenthal in prewar Amsterdam**

Harm Jan Smid, Delft University of Technology, The Netherlands

### **Mathematics and physics: An innermost relationship. Some didactical implications for their interdisciplinary teaching and learning**

Constantinos Tzanakis, University of Crete, Greece

### **Integrating the history of mathematics into mathematics teaching: Some experience from China**

Wang Xiaoqin, Shanghai, China

## **Public Lecture**

J.-D. Gergonne (1871-1859) à Montpellier (1816-1859) : un personnage important de l'histoire des mathématiques, de leur philosophie, de leur diffusion et de leur enseignement

Christian Gerini, Université de Toulon - Université Nice Sophia Antipolis, France

## **Discussion Groups**

### **Discussion Group 1: Geometry**

Coordinators: Evelyn Barbin (France) and Leo Rogers (UK)

### **Discussion Group 2: History of mathematics in teachers' education**

Coordinators: Kathy Clark (USA) and Sebastian Schorcht (Germany)

### **Discussion Group 3: Original sources in the teaching and learning of mathematics**

Coordinators: Tinne Hoff Kjeldsen (Denmark) and Janet Barnett (USA)

## **Panels**

### **Panel 1: Theoretical and/or conceptual frameworks for integrating history in mathematics education**

Michael Fried, Coordinator (Israel)

David Guillemette (Canada)

Niels Jahnke (Germany)

## **Panel 2 : Mathematics in Mediterranean countries**

Marc Moyon, Coordinator (France)

Mahdi Abdeljaouad (Tunisia)

Eva Caianiello (France and Italy)

### ***Official Languages***

The official languages of HPM 2016 are English and French.

All plenary talks will be in one of the official languages with PowerPoint slides in both official languages.

Oral presentations will be given in either English or French.

### **Proceedings**

The proceedings of HPM 2016 will be published electronically, in PDF format, and available at no charge for download from the website before the meeting.

Printed copies can be purchased at the conference (35 € per copy). Printed copies need to be ordered in advance.

### **Important dates**

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

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

Submission of full texts: **February 8, 2016**

Notification of acceptance (or not) of the submitted texts: **April 13, 2016**

End of early registration: **April 29, 2016**

End of regular registration: **June 22, 2016**

**Conference: July 18 to 22, 2016**

### ***Registration fees***

- *Early registration (before April 29, 2016): 250 € (student or young researcher 150 €)*
- *Regular registration (between April 29 and June 22, 2016): 300 € (student or young researcher 200 €)*
- *Registration after June 22, 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.*

**Note: Registration is now open: <http://hpm2016.sciencesconf.org/page/payment>**

- **Access to this page requires that you be registered on the website and logged in.**

## ***Accommodations***

Two accommodations options are available:

### **A) Single rooms in a student residence**

- Single room: 140 € (6 nights, single rate. Check in Sunday July 17, 2016. Check out Saturday July 23, 2016. Breakfast included).

You can choose this option and pay the fees when proceeding to the final online registration. The organizing committee will book the room on your behalf.

The residence is situated 3 tram stations from the conference venue and within walking distance (20 min).

### **B) Hotel**

If you choose this option, you will have to book and pay directly to the hotel (registration without accommodation).

You will find a list of recommended hotels below.

### **List of hotels in Montpellier**

Within walking distance of the conference locusvenue:

[Hôtel Acapulco\\*\\*](#) [Hôtel du Parc\\*\\*](#) [Hôtel les Troènes\\*\\*](#)

**City centre** (within easy access to public transportation)

[Ibis Comédie\\*\\*\\*](#) [Best Western - Eurociel\\*\\*\\*](#) [Hôtel Ulysse\\*\\*\\*](#) [Hotel des Arts\\*\\*](#) [Hotel du Palais\\*\\*](#) [Hôtel Mistral\\*\\*](#) [Hôtel Littoral](#) [Hôtel des Fauvettes](#)

### **Appart'hotels**

City centre (within easy access to the tram)

[Goélia Sun City](#)

[Appart 'Hotel Eurociel](#)

[Citadines Antigone Montpellier](#)

[Odalys les Occitanes](#)

### **In the south of the city**

[Abitel](#)

*For further information, please contact: [Montpellier Tourist Information Center - Accommodation](#)*

## Visits and excursions

A tour will take place on Wednesday, July 20, in the afternoon, before the gala dinner. It is included in the registration fee.

When you register, please choose one of the following four tours that have been selected for you.

### **A) Excursion to Aigues-Mortes** (12h30-17h30, picnic baskets provided)

Visit the 13th century fortified city, built on the initiative of Louis IX to give the kingdom a port on the Mediterranean. It was from here that he set off for the crusades. Visit the Tower of Constance, one of France's most impressive keeps, and the 1,634-metre-long ramparts.

Departure by bus from Montpellier.

### **B) Excursion to Saint-Guilhem-le-Désert** (12h30-17h30, picnic baskets provided)

Tour the world heritage medieval village of Saint-Guilhem-le-Désert. This village, which lies on the Way of Saint James the Apostle, was chosen in the year 804 as the seat of the Abbey of Gellone. After visiting the abbey, one of the Bas-Languedoc's most prestigious Roman sites, take the time to discover the surrounding streets and alleyways of the medieval village, one of the most beautiful in France.

Visit to Clamouse cave. Its amazing abundance of stalagmites and stalactites has made it one of the most popular caves in France.

Departure by bus from Montpellier.

### **C) Visit to Montpellier historic centre and Mikveh** (14h30-16h30)

Place de la Comédie, Place de la Canourgue, Place du Peyrou... from square to square, we will guide you through the maze of medieval alleyways as you explore Montpellier through the ages. Montpellier harbours many secrets and to discover them, our guides can open doors to which only the Tourist Office has the keys. See the courtyard of a 17th or 18th century mansion house and entrance to the famous Mikveh (12th century Jewish ceremonial bath), one of Montpellier's real jewels.

### **D) Visit to the faculty of medicine** (14h30-16h30)

The Montpellier Tourist Office invites you to join an exclusive tour of the western world's oldest medical school. Formerly a medieval monastery, then an Episcopal palace, it is still in use now as the present medical school. Next, the guide will take you right to the heart of a remarkable site: the Conservatory of Anatomy, which has a series of displays describing the human body in the style of a 19th century cabinet of curiosities.

## HPM 2016 Chairs

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- Anne Cortella (Co-chair), [anne.cortella@univ-montp2.fr](mailto:anne.cortella@univ-montp2.fr)

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Fulvia Furinghetti, Italy  
Constantinos Tzanakis, Greece

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### **The Local Organizing Committee (LOC)**

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