

PME24
24th Conference of the International Group for the Psychology of Mathematics Education

Hiroshima (Japan), July 23–27, 2000

The 24th Annual Conference of the International Group for the Psychology of Mathematics Education (PME 24) will be held at the International Conference Center Hiroshima and Aster Plaza, in Hiroshima, Japan, from Sunday July 23rd to Thursday July 27th, 2000. The Department of Mathematics Education, Faculty of Education, at Hiroshima University will host the conference. Other universities around the country will also support and take part in the organization of the conference.

The scientific program

The scientific program includes plenary sessions, research forums, research reports, short oral communications, poster presentations, project groups and discussion groups.

The theme for the conference will be *Major issues in mathematics education for the 21st century*. The plenary sessions will represent a variety of perspectives relevant to this theme. There will be four invited plenary addresses and a plenary panel discussion. The theme for the plenary panel will be *Teaching and learning in school mathematics*.

For further information please contact:

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One Hundred Years of *L'Enseignement Mathématique*: Moments of Mathematics Education in the 20th Century

Geneva (Switzerland), Oct 20–22, 2000

Announcement of a symposium

The well-known international journal *L'Enseignement Mathématique* was established in 1899 by Henri Fehr and Charles Laisant. The idea of internationalism in mathematics education, crucial to the journal right from its beginning, led a few years later to the creation of the International Commission on Mathematical Instruction during the 1908 International Congress of Mathematicians in Rome. *L'Enseignement Mathématique* has been the official organ of ICMI ever since that time. During these one hundred years, mathematics education has undergone profound changes marked by decisive developments in the evolution of mathematics and in the organization and structure of the school systems throughout the world.

On the occasion of the centennial of the journal, it was felt appropriate to hold a symposium with the aims of looking at the evolution of mathematics education over the last century and identifying some guidelines and trends for the future, taking into account, among other sources, the documents, debates and related papers having appeared in *L'Enseignement Mathématique*. The emphasis of the symposium is on secondary education (students in the age range of about 12 to 18 or 19 years). In addition to proposing a reflection on the history of mathematics education and the evolution of mathematics and its teaching and learning in the 20th century, the symposium also gives the opportunity of a gathering of some of the main actors, during the last decades, in mathematics education as considered from an international perspective. The symposium should thus be seen as an international meeting of all those interested in mathematics education and its evolution.

Organized jointly by ICMI and the University of Geneva as a contribution to the celebration of the World Mathematical Year 2000, this symposium will take place in Geneva, the home of the journal since its birth, from Friday October 20 to Sunday October 22, 2000. The theme of the meeting is *One Hundred Years of L'Enseignement Mathématique: Moments of Mathematics Education in the 20th Century*.

The program of the symposium is based on a series of invited talks. Among the themes are:

- issues in mathematics education at the time the journal was born;
- evolutions and permanences in the needs, practices and issues in the teaching of geometry, analysis, and applications of mathematics over the last century;
- stakes in mathematics education yesterday, today, and tomorrow.

Ample time will be devoted during the symposium to collective discussions on the themes presented in the talks. More information about the program can be obtained on the ICMI website:

<http://elib.zib.de/IMU/ICMI/>

The members of the Program Committee of this symposium are Daniel Coray (Switzerland), Fulvia Furinghetti (Italy), Hélène Gispert (France), Bernard R. Hodgson (Canada) and Gert Schubring (Germany).

The philosophy of discussions and personal exchanges underlying this symposium imposes a limitation on the numbers of participants. People interested in the symposium are thus requested to contact the Local Organizing Committee at the address below as soon as possible, preferably prior to July 15. Participants are expected to stay for the three days of the meeting (starting on Friday morning and ending on Sunday at noon). There will be no registration fee, but very little financial support is available. Hence foreign participants are expected to cover their travel and local expenses by themselves or through their home institution.

Information about local facilities (hotels, etc.) can be obtained from the Local Organizing Committee:

Local Organizing Committee
Symposium EM-ICMI
Case postale 240
CH-1211 Genève 24, Suisse
E-mail: EnsMath@math.unige.ch

Alhambra 2000

A Joint Mathematical European-Arabic Conference

July 3–7, Granada (Spain)

The Alhambra 2000 Joint Mathematical European-Arabic Conference arises within European Mathematical Society (EMS) as an opportunity of a meeting between mathematicians from every European-Arabic culture. Granada, with the Alhambra as an ensign, accepts this challenge of promoting a meeting between scientists of the three Mediterranean cultures, which is to be good at the same time to commemorate the year 2000 as the World Year of Mathematics.

The Spanish Royal Mathematical Society, integrated in the EMS since 1998, offers support and heads the organisation of this encounter in Granada.

The Alhambra 2000 European-Arabic Congress of Mathematics (with History of European and Arabic Mathematics and Mathematicians) will deal with historical perspectives on contributions of both cultures to the present mathematical knowledge, and also will discuss about the state of the more relevant mathematical concepts over the centuries and the way they have evolved.

Eight plenary lectures of the above subjects will be held by: Sir Michael Atiyah (Edinburgh University, UK), Mordechai Feingold (MIT, Cambridge, MA, USA), Eberhard Knobloch (Technische U. Berlin, Germany), Antoni Malet (U. Pompeu Fabra, Barcelona, Spain), Pier Daniele Napolitani (U. Pisa, Italy), Roshdi Rashed (U. Paris VII, France), George Saliba (Columbia U., USA).

In addition to the Alhambra 2000 Congress, seven symposia on current mathematical subjects will be held in parallel sessions. The symposia serve as platforms for the presentation and discussion of the state of the art of topics in the list of scientific topics below, and they include lectures as well as short communications, either spoken or in the form of posters.

- Computational mathematics
- Geometry of submanifolds and related problems
- Non-linear problems
- Orthogonal polynomials
- Public Mathematics
- Representation theory of algebras
- Symmetry.

The language of oral presentations will be English.

For further information please contact:

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