

11th International
Congress
on
Mathematical
Education

ICME 11

First Announcement



www.icme11.org

July 6 - 13, 2008 Monterrey, Mexico

A Word of Welcome from the IPC



Marcela Santillán,
*Chair of the International
Program Committee*

The International Program Committee (IPC) for ICME 11 extends its warmest greetings to all readers of this First Announcement. We are pleased to inform you that planning for ICME 11 is well under way, bringing a wide array of specialists in Mathematics Education from all over the world to Monterrey (Mexico) in the Summer of 2008. ICMEs have evolved from one edition to the next, and this one is no exception. We will be able to offer a wide variety of activities covering many topics of current interest that will respond to the demand of the international community of math educators. This is the first time that ICME comes to Latin America, so we are sure that many math educators from the region will take advantage of this opportunity –first one for many of them– to engage with top researchers and practitioners from all over the world. ICME attendees will not only be able to learn about the latest work in the various fields, but will also have the opportunity to share their unique experiences as educators facing the challenges of various cross-cultural settings and to establish working relationships with others sharing similar interests and concerns. The ICME-11 team –national and international organizers, members of the more than seventy teams, and numerous lecturers– is striving to create an international gathering that will provoke, question, enrich, and inspire all attending international mathematics education community members.

Well aware of the successes of past editions of the congress - ICME 10 in Denmark, ICME 9 in Tokyo, and the previous ones - we are eager to meet the challenge of making 2008 the best ICME ever. We are being careful to maintain all successful components of past editions of the congress, but we are also striving to enrich our dialogues by addressing a

wider range of topics, especially regarding group activities, including those that arise due to the rapid changes that are occurring in our technologically driven world. The congress will offer activities addressing both theoretical and practical matters in mathematics education. We are hoping that the ambiance Mexico provides, a country with an unusually rich mixture of western and indigenous cultures, will enable congress attendees to consider and study educational issues stemming from the frequent cultural encounters in an intensely migrating world.

We briefly present you with the main components of the scientific program below. Soon you will be able to find more information on our web site, and keep up with the preliminary work done by the teams before the congress. We will be updating the page with any changes that occur before the congress. No names of speakers or organizers will be given at first; however, we will include these as soon as the corresponding invitations have been accepted and final decisions have been made. Please direct yourself to the Chair of the IPC (<IPCChair@icme11.org>) if you have any questions or suggestions pertaining to the program.

The members of the IPC hope you will be able to join us. We sincerely look forward to seeing you in Monterrey for ICME 11!

Marcela Santillán
*Chair of the International
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Main Program Components

Plenary Activities

Lectures or panels on themes of current actuality and relevance to the practice of the international community of Mathematics Educators.

National Presentations

It is customary to select a small number of countries so that the international mathematics community may gain a closer knowledge on the state and trends of mathematics education of those countries. National representatives of the selected countries are asked to organize the presentation.

ICME 11 Survey Teams

Survey Teams, first created in ICME 10, are groups entrusted to carry out a survey of the latest developments regarding a certain theme or issue of Mathematics Education. Emphasis is placed on pinpointing new knowledge, new perspectives, and emerging challenges. The teams' work will be presented in a lecture at the congress. Survey Teams ensure we are made aware of developments in the field addressed since the time of the previous ICME, thus giving continuity to ICME.

Regular Lectures

These lectures will be presented by experts invited by the IPC.

Topic Study Groups (TSGs)

The purpose of a TSG is to gather participants interested in a certain topic in mathematics education. The organizing team of each TSG will review, select and organize contributions, some by invitation and some submitted by interested participants, that account for advances, new trends, and important work done in the last few years on the topic the TSG addresses. The contribution selected will be made available in one or more of the following modalities: as a download from the web page of the TSG in the ICME-11 web site, as a printed handout previous to a TSG session during the congress, and by oral presentation during any of the four TSG sessions. There will be some discussion during the sessions, but emphasis is on presentation (in contrast to discussion groups).

What is ICME?

The International Congress on Mathematical Education (ICME) is held every four years under the auspices of the International Commission on Mathematical Instruction (ICMI). It is, however, planned and organized by separate committees, which operate independently of the ICMI. The aim of the Congress is to present the current states and trends in mathematics education research and in the practice of mathematics teaching at all levels.

The Congress will gather a broad spectrum of participants, such as researchers in mathematics education, teacher trainers, practicing teachers, mathematicians, and others interested in mathematics education.



Main Program Components, *continued*

Discussion Groups (DGs)

DG's are meant to gather congress participants who wish to actively discuss, in a genuinely interactive way, certain challenging or controversial issues and dilemmas –of a substantial, non-rhetorical nature– pertaining to the theme of the DG. During the year we have from now up to the congress, the discussion group will post in their page at the ICME-11 web site, contributions that define, limit, and/or present basic premises, viewpoints and facts that should be accounted for if a fruitful discussion is to be attained.

Workshops

Workshops will provide hands-on experience to delegates wishing to learn new skills. These workshops are created via proposals to the IPC.

Sharing Experiences Groups (SEGs)

SEGs are small and intimate groups designed to exchange and discuss experiences pertaining to research and/or teaching. SEG's are formed via proposals to the IPC.

Poster Exhibition and Round Tables

Participants are invited to submit proposals for the display and presentation of posters. Round tables will address groups of posters developed on the same theme.

Latin America: Perspective on development through collaboration

Concurrent with other ICME-11 activities, we will organize meetings that will address the issue of Latin American development and collaboration. In spite of their differences, LA countries share cultural roots, ethnic diversity, and a sense of identity. We wish to provide a forum where participants will explore the possibilities for development through collaboration, not only among themselves but also with other regions.

Submissions and Proposals

Presentation of papers will take place only within one of the programme components mentioned in this Announcement.

Organizers will be appointed for each of the different items in the programme and all submissions of papers or proposals should be addressed directly to them. Until then, submissions or proposals may be sent to the Chair of the International Programme Committee.

For several reasons it will not be possible for all papers that have been accepted by the Organizers to be presented orally at ICME 11. For such papers, the Presentation by Distribution scheme, which was invented for ICME 9, will also be implemented at ICME 11. This is to ensure that all papers will be made available to all participants in the relevant groups.



Members of the IPC

Michèle Artigue

UFR de Mathématiques & IREM
Université Paris 7
Paris, France
artigue@math.jussieu.fr

Jiansheng Bao

Soochow University
Jiangsu, P. R. China
baojiansheng@suda.edu.cn

Hyman Bass

University of Michigan
Dearborn, MI, USA
hybass@umich.edu

Ricardo Cantoral

DME Cinvestav IPN
México D.F., Mexico
rcantor@cinvestav.mx

Sung Je Cho

Seoul National University
Seoul, Korea
sungjcho@snu.ac.kr

David Clarke

University of Melbourne
Melbourne, Victoria, Australia
d.clarke@unimelb.edu.au

Lisbeth K. Cordani

CEUN IMT
São Paulo, Brazil
lisbeth@maua.br

Olimpia Figueras

DME Cinvestav IPN
México D.F., Mexico
figueroa@mail.cinvestav.mx

Zahra Gooya

Shahid Beheshti University
Tehran, Iran
zahra_gooya@yahoo.com or gooya@sbu.ac.ir

Bernard R. Hodgson

Université Laval
Québec, Canada
bhodgson@mat.ulaval.ca

Christine Keitel

Freie University Berlin
Berlin, Germany
keitel@zedat.fu-berlin.de

Carolyn Kieran

Université du Québec à Montréal
Montreal, Canada
kieran.carolyn@uqam.ca

Maria Falk de Losada

Universidad Antonio Nariño
Bogotá, Colombia
mariadel@uan.edu.co

Mogens Niss

IMFUFA -Roskilde University
Roskilde, Denmark
mn@ruc.dk



Carlos Signoret
*Chair of the Local
Organizing Committee*



Alejandro Díaz Barriga
*President of the
Mexican Mathematical
Society (SMM)*



Members of the IPC, continued

Richard Noss

Institute of Education, University of London
London, England, UK
r.noss@ioe.ac.uk

Fidel Oteiza

Universidad de Santiago de Chile.
Santiago de Chile, Chile
foteiza@fermat.usach.cl

João Pedro da Ponte

Faculdade de Ciências da Universidade de Lisboa
Lisbon, Portugal
jponte@fc.ul.pt

Angel Ruiz

Universidad de Costa Rica
San José, Costa Rica
angelruizz@racsa.co.cr

Marcela Santillán

Chair, International Program Committee
Universidad Pedagógica Nacional
México D.F., Mexico
m.santillan@upn.mx

Cathy Seeley

Past President
National Council of Teachers of Mathematics
University of Texas at Austin
Austin, TX
cseeley@nctm.org

Mamokgethi Setati

University of the Witwatersrand
Johannesburg, South Africa
mamokgethi.setati@wits.ac.za

Carlos Signoret

Chair, Local Organizing Committee
Universidad Autónoma Metropolitana -Iztapalapa
México D.F., Mexico
casi@xanum.uam.mx

Hikma Smida

Université de Tunis El Manar
Tunis, Tunisia
hikma.smida@ipest.rnu.tn

Victor Vassiliev

Steklov Mathematical Institute,
Moscow, Russia
vassil@vassil.mccme.rssi.ru



Practical Information

Venue

All of the Congress activities will take place at the *Universidad Autónoma de Nuevo León* (UANL), (Autonomous University of Nuevo Leon), located in the city of Monterrey, Mexico. The UANL is the third largest university in Mexico, and the most important superior education institution in the northern region of the country. Founded in 1859, it is one of the oldest universities in Mexico.

Monterrey, located in the northern part of Mexico, is the third largest city in the country. Surrounded by spectacular mountain ranges, it is a highly modernized city, and by far the most important center for industry and culture in the region.

Costs

The registration fee is not available yet. However it will be published on the ICME 11 website as soon as possible. For information on living costs in Mexico, we have placed detailed information on the website.

Second Announcement

A Second Announcement for ICME 11 (with registration forms, exact costs and all essential information) is to be pub -

lished in September of 2007. If you wish to receive it, please register online at the Conference web site (see below).

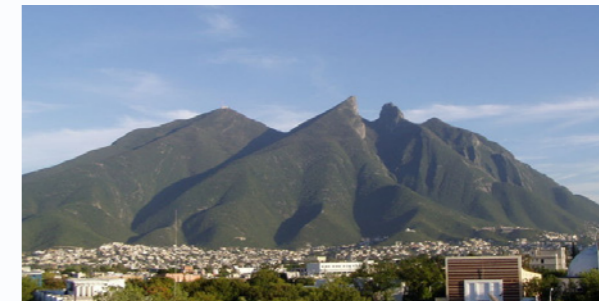
Visa Information

Please be aware that Mexico requires entry visas for citizens of some countries. The ICME 11 web site contains a list of those countries *exempt* from visa requirements, as well as links to official Mexican government pages with information on the subject. This information, however, may vary over time. For the latest be sure to contact the Mexican embassy or consulate nearest to you.

Bear in mind that the visa granting process can take between one and three months; you are advised to start the process as early as possible.

Conference web site

Prospective participants are advised to take notice of the conference web site www.icme11.org which will be the main source of information on the Congress. The web site will be regularly updated before, during, and after the Congress.



Monterrey, México



Autonomous University of Nuevo Leon, site of the Congress

