

8th South-East Asian Conference on Mathematics Education

Manila, Philippines, May 30 – June 4, 1999

The Philippine Council of Mathematics Teacher Educators (MATHTED), Inc., in cooperation with the Mathematical Society of the Philippines (MSP), invites you to participate in the 8th South-East Asian Conference on Mathematics Education.

Conference themes and program

The theme of SEACME-8 is *Mathematics for the 21st century*. The conference will cover topics such as mathematics content in elementary, secondary, and tertiary level schools, teaching approaches and methods for the next century, assessment methods, mathematics for special groups, mathematics in the workplace, educational technology, alternate delivery systems, and mathematical modeling. Conference activities will include plenary sessions, parallel paper presentations, roundtable discussions, workshops, demonstrations, poster presentations, cultural trips, tours, and socials.

The following invited plenary speakers have confirmed their attendance: Lee Peng Yee (Singapore), Alan Bishop (Australia), Sol Garfunkel (USA), and Siriporn Thipkong (Thailand).

Persons to contact

The International Advisory Committee of SEACME-8 is composed of the following noted mathematics educators in their countries: Lee Peng Yee (Singapore), Susanti Linuwah (Indonesia), Bienvenido Nebres, S.J. (Philippines), Nguyen Dinh Tri (Vietnam), Marijo Ruiz (Philippines), Beth Southwell (Australia), Abu Osman Md. Tap (Malaysia), Siriporn Thipkong (Thailand), Wong Khoon Yoong (Brunei), and Zhang Dianzhou (P. R. of China).

The SEACME-8 Organizing Committee and Program Committee are headed by Milagros Ibe.

For further information please contact:

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ISAMA 99

First Interdisciplinary Conference of the International Society for the Arts, Mathematics, and Architecture

San Sebastian, Spain, June 7–11, 1999

Purpose

The main purpose of ISAMA 99 is to bring together persons interested in relating mathematics with the arts and architecture. This includes teachers, architects, artists, mathematicians, scientists and engineers. Hopefully new ideas and partnerships will emerge which can enrich interdisciplinary education. In particular, we believe it is important to begin interdisciplinary education at an early age so one component of ISAMA 99 will be teacher workshops for K-12 in addition to college level courses.

Fields of interest

ISAMA will focus on the following fields related to mathematics: Architecture, Computer Design and Fabrication in The Arts and Architecture, Geometric Art and Origami, Music, Sculpture and Tessellations and Tilings. These fields include graphics interaction, CAD systems, algorithms, fractals and graphics within mathematical software (Maple, Derive, Mathematica, etc.)

For further information please contact:

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PME 23

23rd Conference of the International Group for the Psychology of Mathematics Education

Haifa, Israel, July 25–30, 1999

The 23rd conference of the International Group for the Psychology of Mathematics Education (PME) will be held at The Technion – Israel Institute of Technology. It is chaired by

Dr. Orit Zaslavsky

Technion, Dept. of Science Education

Haifa 32000, Israel

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The scientific program

The working language of the conference will be English. The scientific program includes plenary sessions (lectures, panel), personal presentations (research forums, research reports, short oral communications, poster presentations) and group activities (project groups and discussion groups).

There will be four invited plenary addresses by Rina Hershkowitz (Israel), Kenneth Ruthven (UK), Geoffrey Saxe (USA), Heinz Steinbring (Germany) and a plenary panel discussion on *Paradigms and perspectives on learning mathematics*. In addition, a special plenary session in memory of Efraim Fischbein, an honorary member and the first president and one of the founders of PME, who passed away in July, 1998, is planned.

The following themes have been selected for PME 23 research forums:

- Learning and teaching undergraduate mathematics
- Becoming a mathematics teacher educator
- Assessment, learning and mathematics
- Visual thinking in mathematics education.

For more information please contact:

PME23 Conference Secretariat

Palex Tours

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International Conference on Mathematics Education into the 21st Century

Societal Challenges, Issues and Approaches

Cairo, Egypt, November 14–18, 1999

Conference organisation

The Egypt 1999 conference is organised by the Mathematics Education into the 21st Century Project – a non-commercial, international educational initiative.

Since its inception in 1986, the project has received support from many educational bodies throughout the world, including UNESCO. The project is dedicated to the improvement of mathematics education world-wide through the publication and dissemination of innovative ideas.

The Mathematics Education into the 21st Century Project has been fortunate in obtaining the support and cooperation of the Third World Forum, with whom the Egypt conference will be jointly sponsored and organised. The local organisation of the Egypt 1999 conference will be largely in the hands of the Third World Forum's Egypt 2020 Project Group, and the chairman of the Local Organising Committee for the conference is

Prof. Fayez M. Mina

Faculty of Education

Ain Shams University

Cairo, Egypt.

The conference program

English is the main language of the conference with Arabic in some special sessions. The conference programme will include: Plenary addresses (at the moment Abdel Azim Anis (Egypt), Roberto Baldino (Brazil) and Wacek Zawadowski (Poland) have been invited to give a plenary address), working groups, two plenary forums, on innovation and technology, a special presentation and exhibition of The Virtual School for the Gifted (VSG) – a school for the next millennium, and a commercial exhibition of books, materials, calculators and computers.

Papers and sub-themes, working groups

There will be papers and working groups on the following sub-themes:

- The impact of new developments in knowledge on mathematics education (e.g. multiple intelligence, limits to problem solving, mathematics of complexity modelling)
- Societal conditions (e.g. mathematics in and for different cultures, linguistic limitations, examples from life and from the environment)
- Information technology and society (e.g. interactive solving of problems, self-learning, modelling and simulating system dynamics)
- Classroom practice (e.g. curriculum development, psychological aspects, the teacher of the 21st century, creativity).

For further information please contact:

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Annual Conference of the Research Council on Mathematics Learning

Las Vegas, NV, USA, March 9–11, 2000

The Research Council on Mathematics Learning (formerly known as the Research Council for Diagnostic and Prescriptive Mathematics) seeks to generate, stimulate, and disseminate research related to factors which affect the maximal learning of mathematics.

The conference for 2000 will be held in Las Vegas, Nevada, USA. Anyone wishing to submit a proposal should contact

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Proposals are due June 11, 1999.