

4th International Congress on Mathematical Education

Berkeley, California, U.S.A.

August 10-16, 1980

You are invited to participate in the 4th International Congress on Mathematical Education. The Congress offers participants an opportunity to become better informed about current issues and developments in mathematical education at all levels. There will be many scheduled and unscheduled informal events so that participants may gain from personal contacts.

The official Congress languages are English, Spanish, and French. At all times, simultaneous translations of at least one session, including all plenary sessions, will be available.

A report of the proceedings of the Congress will be sent to all Full Members.

The participation fee for Full Members will be listed in the Second Announcement. There will be a lesser fee for Associate Members (accompanying a Full Member but not taking part in the work of the Congress). These fees include a choice of planned excursions and cultural events. Optional excursions and activities will be at extra cost. The fee will *not* include travel, accommodations, or board. Those interested in participating should complete the "Request for Information" form on the following page and return it to the official Congress address:

ICME IV
Mathematics Department
University of California
Berkeley, CA 94720, U.S.A.

The Second Announcement and applications for registration and accommodations will be sent to respondents at a later date.

Communications should be mailed to the official Congress address. Mark "ATTN: PROGRAM" on requests about program. Mark "ATTN: LOC" on requests concerning exhibits, special interest groups, and local conference operations.

Programs

The scientific program will examine a broad spectrum of problems in mathematical education at all levels and for every variety of learner. Special emphasis will be given to questions of universal primary education, of research, technology, applications, the profession of teaching, and the relationship of language and mathematics. Preliminary plans include four plenary session invited addresses, at least fifteen other main invited speakers (one hour each) and about sixty panels and debates (one to two hours). Many of the main speakers will be followed by a panel on the same topic. There will be about twenty three-lecture series (called "miniconferences") on individual topics. Of special interest are proposed miniconferences in honor of the late Edward G. Begle on critical variables in mathematical education, and several expository series on topics which have become so fundamental, applicable, and pedagogically accessible that they could be considered worldwide for inclusion in the mathematics curriculum.

Short Communications

Following the pattern of the Third Congress, at Karlsruhe, participants are invited to present short communications via "Poster Sessions," where papers selected for presentation can be displayed and authors will be available for discussion. Posters may be submitted on all topics; especially solicited are posters on teaching mathematics to the handicapped and on problems and curricula in mathematical education in the participating countries. Details will be in the Second Announcement.

Projects

Selected research and development projects in mathematical education throughout the world will be invited to make presentations.

Exeter Working Groups and Karlsruhe Study Groups

Existing working and study groups will be given the opportunity to meet, to continue their work, and to tie in with the rest of the program.

National and International Organizations and Journals

Meetings for national and international organizations of mathematics teachers and for editors of mathematical education journals will be scheduled during the Congress.

Films

Presentations of mathematical films are being organized. Forward your recommendations (*not* the films) to the official Congress address, marked "ATTN: FILMS."

Exhibitions

Publishers and firms producing teaching aids for mathematical education may present their books and materials. Teacher-made and student-made mathematics exhibits will also be displayed.

PLEASE COPY THIS ANNOUNCEMENT and distribute it to your colleagues and to other members of our profession.

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						Teacher Training • Formation d'Enseignants • Entrenamiento de Profesor <input type="checkbox"/>		
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						University • Université • Universitaria <input type="checkbox"/>		
FOR PLANNING PURPOSES, PLEASE INDICATE HOUSING PREFERENCE. (This is <i>not</i> a commitment.) DAILY RATES ARE FOR ROOM ONLY • POUR NOUS AIDER DANS L'ORGANISATION, INDIOUER LE TYPE DE LOGEMENT PREFERE (Ceci n'est par un engagement.) LES TAUX JOURNALIERS SONT POUR LA CHAMBRE SEULEMENT • PARA EFECTOS DE PLANIFICACION, POR FAVOR INDIQUE SU PREFERENCIA EN ALOJAMIENTO. (Sin compromiso.) LAS TARIFAS DIARIAS SON SOLO POR LA PIEZA.								
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