

NORMA98

The Second Nordic Conference on Mathematics Education

Theory into Practice

Kristiansand, June 5-9, 1998

The conference NORMA98 takes place at Adger College in Kristiansand. It is aimed for teacher educators, researchers and teachers of mathematics in the Nordic and Baltic countries. The conference language is English.

The programme will consist of five main lectures given by Konrad Krainer, Austria, Marja van den Heuvel-Panhuizen, the Netherlands, Maria Luiza Cestari, Norway, Michal Yerushalmy, Israel and Jan Wyndhamn, Sweden, of workshops, scientific paper presentations, discussions and poster sessions.

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CERME 1

The First Conference of the European Society for Research in Mathematics Education

Communication, Cooperation and Collaboration in Mathematics Educational Research in Europe

Osnabrück, 27th - 31st August 1998

This conference of a new society, ERME (European Society for Research in Mathematics Education), will be held in Osnabrück, Germany. Researchers in mathematics education in all European countries are invited to attend and contribute. ERME is in the progress of origination, and this conference will be a key element in its formation and development.

The chief aims of ERME are to promote communication, cooperation and collaboration in research in mathematics education in Europe. Fundamentally we need to know more about the research which has been done and is ongoing, and the research groups and research interests in different European countries. We need to provide opportunities for collaboration in research areas and for inter-European cooperation between researchers in joint

research projects. This conference is designed as a starting point in promoting these aims.

The conference is designed to foster a communicative spirit. It deliberately and distinctively moves away from research presentations by individuals towards collaborative work. The main feature of this conference is to be a number of thematic groups whose members will work together in a common research area. There are seven groups:

- 1) The nature and content of mathematics and its relationship to teaching and learning (F. Arzarello, Torino, Italy)
- 2) Tools and technologies in mathematica didactics (C. Laborde, Grenoble, France)
- 3) From a study of teaching practices to issues in teacher education (K. Krainer, Klagenfurt, Austria)
- 4) Social interactions in mathematics learning situations (G. Krummheuer, Berlin, Germany)
- 5) Mathematical thinking and learning as cognitive processes (I. Schwank, Osnabrück, Germany)
- 6) School algebra: Epistemological and educational issues (P. Boero, Genova, Italy)
- 7) Research paradigms and methodologies and their relation to questions in mathematics education (Praha, Czech Republic).

In addition to the thematic groups there will be plenary sessions, poster sessions, purpose sessions and three major keynote addresses by invited speakers.

For further information please contact:

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8. Internationales Symposium zur Didaktik der Mathematik

Mathematische Bildung und neue Technologien

Klagenfurt, 28. Sept. - 2. Okt. 1998

Neue Technologien, insbesondere Computer- und Kommunikationstechnologien, zeigen vielfältige und nachhaltige Auswirkungen auf die mathematische Ausbildung oder lassen derartige Auswirkungen für die nahe Zukunft erwarten. Mit den erkennbaren bzw. erwarteten Veränderungen stellt sich verschärft die immer aktuelle Frage nach dem möglichen Beitrag der Mathematik zur (Allgemein-)Bildung wie auch die Frage nach dem spezifischen Bildungswert einer mathematischen Ausbildung.

In Haupt- und Sektionsvorträgen, Arbeitskreisen und

Posters werden empirische und theoretische Beiträge erwartet, die sich mit Fragen und Problemen der mathematischen Bildung im Zeitalter neuer Technologien auseinandersetzen. Dabei sind insbesondere

- schulorganisatorische und unterrichtspraktische Aspekte
- curriculare, stoffdidaktische und methodische Aspekte
- pädagogische und bildungstheoretische Aspekte
- psychologische, epistemologische und wissenschaftstheoretische Aspekte
- soziale, soziologische und sozialphilosophische Aspekte von Interesse.

Als Hauptvortragende haben zugesagt P. Bender (Paderborn, D), R. Fischer (Klagenfurt, AU), H. Heugl (Wien, AU), H.W. Heymann (Siegen, D), C. Laborde (Grenoble, F), D. Tall (Warwick, GB) und B. Winkelmann (Klagenfurt, AU/Bielefeld, D).

Weitere Informationen erhalten Sie bei:

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 WWW: <http://www.uni-klu.ac.at/groups/math/didaktik/symp98.htm>

ICEM-1 First International Congress on Ethnomathematics

Granada, September 2-5, 1998

The First International Congress on Ethnomathematics will be held under the auspices of the University of Granada (Spain), from September 2 to September 5, 1998. The official languages of the conference will be Spanish and English.

The general themes will be: Research, curriculum development and teacher education. Three types of problems will be considered:

- Ethnomathematics: theory
- Learning and teaching mathematics. The teacher
- Social, cultural, and political conditions in mathematical inculturation. The curriculum.

The objectives are:

- to contribute to the international expansion of ethnomathematics as a form of thought
- to promote intercultural communication in the field of mathematics
- to provide an atmosphere of cordiality among teachers/researchers from all countries, who are interested in this area
- to share educational experiences and curriculum development proposals on mathematics teaching that are based on social and cultural environments.

For further information please contact:

Organizing Committee I.C.E.M. - 1:
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