Information

MES2

2nd International Conference on Mathematics Education and Society

Montechoro (Portugal), March 26–31, 2000

The *First International Conference on Mathematics Education and Society* took place in Nottingham, Great Britain, in September 1998. We are now pleased to announce the *2nd International Conference on Mathematics Education and Society*.

The conference is promoted by the Centro Investigacao em Educacao, Faculdade Ciencias, Universidade Lisboa – CIEFCUL (Centre for Research in Education of the Faculty of Sciences of the University of Lisbon).

Aims of the conference

Education is becoming more and more politicised throughout the world. Mathematics education is a key discipline in the politics of education. Mathematics qualifications remain an accepted gatekeeper to employment. And thus managing success in mathematics becomes a way of managing the employment market. Mathematics education also tends to contribute to the regeneration of an inequitable society through undemocratic and exclusive pedagogical practices which portray mathematics and mathematics education as absolute, authoritarian disciplines.

There is a need for a wider discussion of the social and political dimensions of mathematics education, for disseminating theoretical frameworks, discussion of methodological issues, sharing and discussing research, planning for action and the development of a strong research network.

The MES2 Conference aims to bring together mathematics educators around the world to provide such a forum as well as to offer a platform on which to build future collaborative activity.

It is expected that topics discussed will be wide-ranging. It is also expected that all issues will have clear and underpinning social themes. The papers and contributions will be grouped under four headings:

- Politics of mathematics education
- Cultural and social aspects of learning mathematics
- Sociology of mathematics and mathematics education
- Alternative research methodologies in mathematics education.

Structure of the conference

There will be plenaries, discussion groups, plenary response sessions, paper presentations, and symposia. At this stage we can confirm as plenary speakers Michael Apple, Candia Morgan, Renuka Vithal, Peter Gates, Dylan William and Robyn Zevenbergen. Themes that could have been underrepresented in the last conference are possible ideas for symposia. The questions of gender, multiculturalism, racism and affect in relation to mathematics education are some of the possibilities.

Proceedings

The accepted papers will be published on the MES2 web site and in the Proceedings that participants will receive.

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Computeralgebra in Lehre, Ausbildung und Weiterbildung

Schloß Thurnau/Bayreuth (Germany), 26.–28. April 2000

Die erste Tagung dieser Art fand vom 22.-25. April 1998 in Thurnau statt. Eine kurze Bestandsaufnahme finden Sie unter

http://www.imn.htwk-leipzig.de/~koepf/thurnau.html.

Die Fachgruppe Computeralgebra (FG CA) der DMV (Deutsche Mathematiker-Vereinigung), GAMM (Gesellschaft für Angewandte Mathematik und Mechanik) und der GI (Gesellschaft für Informatik) organisiert diese Tagung gemeinsam mit der GDM (Gesellschaft für Didaktik der Mathematik), der MNU (Verein zur Förderung des mathematischen und naturwissenschaftlichen Unter-

richts) und der Fachgruppe Didaktik der Mathematik der DMV (FG DM).

Ziel ist es, den im ersten Treffen initiierten Austausch zwischen den Kultusministerien, den für die Fortentwicklung der curricularen Lehrpläne zuständigen Instituten und den Experten aus Wissenschaft, Lehre und Schule weiterzuführen. Wir erhoffen uns insbesondere wieder Berichte über die in den einzelnen Bundesländern stattfindenden Lehrversuche und über geplante Lehrplanreformen.

Für weitere Informationen wenden Sie sich bitte an:
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6. ACDCA Conference

Exam Questions and Basic Skills in Technology - Supported Mathematics Teaching

Portoroz (Slovenia), July 2–5, 2000

This conference is the sixth in a series of conferences on technology-supported mathematics education initiated by ACDCA (Austrian Center for Didactics of Computer Algebra) following symposia in Krems (Austria) 1992, Krems 1993, Honolulu (USA) 1995, Särö (Sweden) 1997, and Gösing (Austria) 1999.

Purpose of the conference
Using computer algebra systems, dynamical geometry software, or graphing calculators for teaching 12-18 year old students is going to change the teaching methods, the contents of what we teach, what we consider basic skills, what abilities students have to obtain, and, last but not least, the exams.

The goal of this conference is to bring together experts in mathematics education (both researchers and teachers) in order to enrich and enhance mathematics education by sharing and articulating experiences, interpretations, and perspectives from differing research and teaching viewpoints.

Conference structure
The conference will include *plenary presentations*, introducing different aspects of the main themes, *contributed presentations*, *workshops*, offering a more active participation, a *forum of ideas*, giving room for presentations of research studies, teaching practice or learning material, *working groups* for the following topics: basic skills/abilities and appropriate exam questions in algebra, in calculus, and in geometry.

Topics for contributed presentations
- New ways of teaching and assessing mathematics
- Basic skills and abilities when using technology
- How to adapt traditional exam questions for a technology environment
- Exams and exam questions when using technology
- Examples of computer-based mathematics texts, lectures, training units, etc.

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