

OTHER FORTHCOMING CONFERENCES

1. THE 33RD CARNEGIE SYMPOSIUM ON COGNITION “THINKING WITH DATA” Pittsburgh, USA, June 4-6, 2004

In today's information-rich environment, people use data in their daily lives in a variety of ways and for a variety of reasons. School children learn to create graphical representations of data to help solve problems; scientists collect and analyze data to address research questions, and consumers evaluate presented and experienced data to make everyday decisions. Although these different populations and tasks have been studied by different researchers (even by different fields), the basic, underlying question is the same: How do people think with data? The 33rd Carnegie Symposium on Cognition “Thinking with Data” will be held from June 4 to June 6, 2004, at the Carnegie Mellon University, Pittsburgh, PA, USA. More information from Marsha Lovett: lovett@cmu.edu. Web page: <http://www.psy.cmu.edu/thinkingwithdata/>

2. HAWAII INTERNATIONAL CONFERENCE ON STATISTICS, MATHEMATICS AND RELATED FIELDS Honolulu, Hawaii, USA, June 9-12, 2004

The 2004 Hawaii International Conference on Statistics, Mathematics and Related Fields will be held from June 9 to June 12, 2004 at the Sheraton Waikiki Hotel in Honolulu, Hawaii. The conference will provide many opportunities for academicians and professionals from statistics and/or mathematics related fields to interact with members inside and outside their own particular disciplines. Cross-disciplinary submissions with other fields are welcome. More information from statistics@bogus.example.com. Web page: <http://www.hicstatistics.org>

3. MATHEMATICS EDUCATION INTO THE 21ST CENTURY Ciechocinek, Poland, June 26-July 1, 2004

The next Mathematics Education into the 21st Century Project conference is to be held in Ciechocinek, Poland from June 26 to July 1, 2004. Future conferences will be held in Egypt, Jordan, Poland, Australia and Sicily. This conference theme is *The Future of Mathematics Education*. Papers are invited on all innovative aspects of mathematics education. More information from Alan Rogerson, arogerson@vsg.edu.au

4. MERGA-27 Townsville, Queensland, Australia, June 27-30, 2004

The Mathematics Education Research Group of Australasia Incorporated (MERGA) is an association that aims to promote, share, disseminate, and co-operate on quality research on mathematics education for all levels particularly in Australasia. It also aims to provide permanent means for sharing of research results and concerns among all members through regular publications and conferences. The Annual Conference of the Mathematics Education Research Group of Australasia is to be held at Townsville, Queensland, Australia, June 27-30, 2004. The conference theme is *Mathematics Education for the Third Millennium: Towards 2010*. More information from Ian Putt, Ian.Putt@jcu.edu.au. Web page: <http://www.merga.net.au/index.html>.

**5. ALM-11
Sweden, June 29-July 2, 2004**

The Adults Learning Mathematics group is an international research forum bringing together researchers and practitioners in adult mathematics/numeracy teaching and learning in order to promote the learning of mathematics by adults. The 11th International Conference on Adults Learning Mathematics is to be held in Sweden from June 29 to July 2, 2004. More information from Anette Strandberg, alm11@alm-online.org. Web page: <http://www.alm-online.org/>

**6. HISTORY AND PEDAGOGY OF MATHEMATICS 2004
SATELLITE CONFERENCE OF ICME-10
Uppsala, Sweden, July 12-17, 2004**

The HPM satellite conferences have taken place every 4 years since 1984. They provide a unique occasion to attend lectures, workshops, research reports from all over the world about the use of history in mathematics education and history of mathematics. The participants in the HPM meetings are researchers in history and in mathematics education, and teachers who have experimented with the use of history in their teaching. HPM 2004 is the sixth quadrennial meeting of the International Study Group on the Relations between History and Pedagogy of Mathematics (HPM). The study group is devoted to understanding and promoting the use of history of mathematics in teaching. Besides, it is the fourth European Summer University on History and Epistemology in Mathematics Education, which is a movement to bring together teachers from many countries to develop their knowledge and share their experiences of history and epistemology in mathematics education. The conference HPM 2004 will be held in Uppsala, from Jul 12 to July 17, in the week following ICME 10 in Copenhagen. The purpose of the conference is to bring together mathematics teachers, educational researchers and historians of mathematics to a meeting where they will share their insights and experiences of using the history of mathematics in teaching. More information from Fulvia Furinghetti, furinghe@dima.unige.it. Web page: <http://www-conference.slu.se/hpm/welcome/>

**7. PME-28
Bergen, Norway, July 14-18, 2004**

The 28th Annual Meeting of the International Group for the Psychology of Mathematics Education, will take place in Bergen University College, July 14 to July 18 2004. The theme of the conference is "Inclusion and Diversity". The conference will highlight a vision of mathematics for all. This perspective includes all people and a variety of mathematics as relevant for their use in their different needs. Challenges would be to make mathematics available and relevant; to support personal use of mathematics, and to organize for and stimulate people's learning. The following Research Forums are being organized for PME28:

RF1: Affect in Mathematics Education – Exploring Theoretical Frameworks. Co-ordinators: Markku Hannula, Jeff Evans, Rosetta Zan and George Philippou

RF2: Algebraic Equations and Inequalities: Issues for Research and Teaching. Co-ordinators: Lucianna Bazzini and Pessia Tsamir

RF3: An International Perspective on the Nature of Mathematical Knowledge for Secondary Teaching: Progress and Dilemmas. Co-ordinators: Helen M. Doerr and Terry Wood

RF 4: Contrasting Comparative Research on Teaching and Learning in Mathematics. Co-ordinators: Jonas Emanuelsson and David Clarke

RF 5: Researching Mathematics Education in Multilingual Contexts: Theory, Methodology and Teaching Mathematics. Co-ordinators: Richard Barwell and Philip Clarkson

Conference Secretariat Bergen University College Faculty of Education Landåssvingen 15 N-5096 Bergen, Norway. Email: secretariat@pme28.org. More information from Marit Johnsen Høines mjh@pme28.org. Web page: <http://www.pme28.org>.

**8. RELME-18 LATIN AMERICAN MEETING OF MATHEMATICS EDUCATION
Tuxtla Gutiérrez, México, July 19-23, 2004**

This series of conferences are organised by the Latin American Committee for Mathematics Education CLAME, which was created in the X Centro American and Caribbean Meeting of Training Teachers and Research in Mathematics Education in Puerto Rico, 1996. The aim was to consolidate Mathematics Education in the Region, favouring the teaching and learning of mathematics at all the educational levels. RELME-18 will be held in the city of Tuxtla Gutiérrez, Chiapas (México). July 19-23, 2004. More information from Miguel Solís Esquinca, solise@unach.mx, or the CLAME President Rosa M. Farfán, rfarfan@mail.cinvestav.mx.

Web page: <http://www.clame.org.mx/relme18/primera.html>

**9. JOINT STATISTICAL MEETINGS
Toronto, Canada, August 8-12, 2004**

This meeting is to be held at the Metro Toronto Convention Centre and Royal York Hotel, Toronto, Canada, August 8-12. It is sponsored by the American Statistical Association, ENAR, WNAR, IMS, and SSC. More information from American Statistical Association, meetings@amstat.org. Web page: <http://www.amstat.org/meetings/jsm/2004/>.

**10. PME-NA 26
Canada, October 21-24, 2004**

PME came into existence at the Third International Congress on Mathematical Education (ICME-3) in Karlsruhe, Germany in 1976. It is affiliated with the International Commission for Mathematical Instruction. The twenty-sixth conference Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA) is to be held in Toronto, Ontario in October 21 to 24, 2004. The theme of the conference is *Building Connections Between Communities*. We especially encourage proposals that highlight examples of the interplay between research and practice—practice that has been shaped by research and research that grows out of practice. The conference is sponsored by the Ontario Institute for Studies in Education at the University of Toronto. The conference provides a forum for the exchange of research information on the psychology of mathematics education. More information from Doug McDougall, Dmcdougall@oise.utoronto.ca. Web page: <http://www.pmena.org/2004/>

**11. ASIAN TECHNOLOGY CONFERENCE IN MATHEMATICS 2004
Singapore, December 13-17, 2004**

There is little doubt that technology has made an impact on the teaching and Mathematics. The Asian Technology Conference in Mathematics on the theme *Technology in Mathematics: Engaging Learners, Empowering Teachers and Enabling Research* is hosted by the National Institute of Education, Nanyang Technological University of Singapore (December, 13-17, 2004). In this conference, we shall go beyond justifying the use of technology in Mathematics to discuss and examine the best practices of applying technology in the teaching and learning of Mathematics and in Mathematics research. In particular, the conference will focus on how technology can be exploited to enrich and enhance Mathematics learning, teaching and research at all levels. The conference will cover a broad range of topics on the application and use of technology in Mathematics research and teaching. More information from Wei-Chi YANG, wyang@radford.edu, and Tilak de Alwis, tdealwis@selu.edu. Web page: <http://www.atcminc.com/mConferences/ATCM04/>

12. EPISTEME – 1
Goa, India, December 13-17, 2004

Over the last thirty years science, technology and mathematics education have emerged as lively new research areas. This research, inspired by issues of learning and teaching, has clear uniting themes in the cognitive, pedagogical, historical, philosophical and socio-cultural aspects of the sciences. An international conference to review research on Science, Technology and Mathematics Education is to be held at the International Centre Dona Paula, Goa, India, in December 13-17, 2004. The conference will survey the global progress of research in this field and will aim to identify promising directions for future work. More information from Jayashree Ramadas, episteme@hbcse.tifr.res.in. Web page: <http://www.hbcse.tifr.res.in/episteme>.

13. CERME-4
Girona, Spain, February 17-21, 2005

The Fourth Congress of the European Society for Research in Mathematics Education (ERME) will be held in Platja d'Aro, Girona, Spain, from 17 to 21 February, 2005. The conference will focus mainly on work in Thematic Groups in a style similar to that developed in previous conferences. Details of the groups from CERME3 can be found on the website <http://www.dm.unipi.it/~didattica/CERME3/second.html>. Many of the previous groups will continue work, and we expect a few new groups. CERME4 will also include plenary activities and poster presentations. More information from the President of ERME: Paolo Boero, boero@dima.unige.it, the Chair of the CERME4 Programme Committee: Barbara Jaworski, barbara.jaworski@hia.no, or the Chair of the CERME4 Organising Committee: Marianna Bosch, mbosch@fundemi.com.

**14. ICMI STUDY 15, THE PROFESSIONAL EDUCATION AND DEVELOPMENT OF
 TEACHERS OF MATHEMATICS**
São Paulo, Brazil, May 15-21, 2005

The ICMI Studies are working conferences dealing with specific themes in mathematics education, meaning that a substantial amount of the time is dedicated to discussions, although paper and other presentations also take place. The focus of this Study will be the professional education and development of mathematics teachers around the world. The premise of this Study is that the education and continued development of teachers is key to students' opportunities to learn mathematics. The curriculum of mathematics teacher preparation varies around the world, both because of different cultures and educational environments, and because assumptions about teachers' learning vary. Countries differ also in the educational, social, economic, geographic, and political problems they face, as well as in the resources available to solve these problems. A study focused on mathematics teacher education practice and policy around the world can provide insights useful to examining and strengthening all systems. A Study Volume will be produced, representing and reporting selected activities and results of the Study Conference and its products. This Report will be useful to the mathematics education community, as well as for other researchers, practitioners, and policymakers concerned with the professional education of teachers. Location is Águas de Lindóia, São Paulo, Brazil. More information from the Study Co-Chairs: Deborah Loewenberg Ball (USA), dball@umich.edu, and Ruhama Even, ruhama.even@weizmann.ac.il (Israel). The Discussion Document and other general information is available from the Web page: <http://www-personal.umich.edu/~dball/icmistudy15.html>

15. ICTMA 12
London, United Kingdom, July 10-14, 2005

Mathematical modelling and applications, the transition, freely between real world problems and mathematical representations of such problems, is an enduring and important feature of industry, business and commerce. Teaching mathematical modelling, through tasks, projects investigations and applications embedded in courses and of mathematics itself through applications helps learners to understand relationships between real world problems and mathematical models. The 12th International Conference on Mathematical Modelling and Applications (ICTMA12) will be hosted by the School of Engineering and Mathematical Sciences City of London, Sir John Cass Business School, London, UK. This conference brings together international experts in a variety of fields and from different sectors to consider: modelling in business and industry, evaluating effectiveness, pedagogic issues for learning, applicability at different levels, research: education and practice, innovative practices and transitions to expert practice. More information from Chris Haines, ictma12@city.ac.uk.

Web site: www.city.ac.uk/conted/reseach/ictma12/index.htm

16. PME-29
Melbourne, Australia, July 10-15, 2005

The PME 29 conference will be held on July 10-15, 2005 in Melbourne, Australia. The First Announcement will be available in September 2004. More information from Helen Chick, h.chick@unimelb.edu.au.