

## PAST CONFERENCES

### 2010 AUSTRALIAN CONFERENCE ON TEACHING STATISTICS “BUILDING CAPACITY IN STATISTICS EDUCATION” Fremantle, Western Australia, December 9-10, 2010



A two-day satellite meeting, for statistics educators and practitioners, including universities, colleges and schools, industries, and governments was held December 9-10 in conjunction with ASC2010 (Australian Statistical Conference). Invited and contributed papers on topics across the statistical education spectrum were presented. Keynote speakers included Professor Delia North (University of Kwa-Zulu Natal, South Africa) and Professor Chris Wild (University of Auckland, NZ).

For more information: <http://www.oznznets.com/ozcots2010.html>

## FORTHCOMING IASE CONFERENCES

### SRTL-7 THE SEVENTH INTERNATIONAL RESEARCH FORUM ON STATISTICAL REASONING, THINKING, AND LITERACY Freudenthal Institute, Utrecht, the Netherlands, July 17–23, 2011



The next meeting of the SRTL community will focus on “New approaches to developing reasoning about samples and sampling in informal statistical inference,” and will be hosted by Arthur Bakker, The Freudenthal Institute, Utrecht, The Netherlands at Texel Island. There will be about nine long presentations (90 minutes) and seven short ones (30 minutes). Participants work collaboratively for the whole week and presentations will lead to publications in a special issue or a book.

For more information: Arthur Bakker (a.bakker4@uu.nl)

Webstie: <http://srtl.stat.auckland.ac.nz/>

### 2011 IASE SATELLITE CONFERENCE STATISTICS EDUCATION AND OUTREACH Dublin, Ireland, August 18–19, 2011

The seventh IASE Satellite Conference will be held immediately prior to ISI 2011 which begins August 21. The theme of the satellite is “Statistics Education and Outreach.” Relevant topics include:

1. *The School/University interface*: Activities that encourage more school students to take statistics at university; activities that lead to a more statistically literate population in general; student competitions.

2. *School or University engagement with employers:* How do we prepare students for the world of work and how do we involve employers in this process? What elements of our undergraduate curriculum specifically prepare our students for their future careers? How can we improve these elements?
3. *Interaction with the media:* How do we help journalists to have a better understanding of statistics?
4. *Interaction with other professions:* For example, the law, medicine, members of parliament.
5. *Engagement with other academics/learned societies who use statistics:* For example in geography, psychology, business studies, health care, the sciences, and social sciences.
6. *School or University engagement with the local community:* Improving statistical reasoning, thinking, and literacy in the general public.

For more information: <http://www.conkerstatistics.co.uk/iase/>

**ISI 2011: 58th STATISTICS CONGRESS OF THE  
INTERNATIONAL STATISTICAL INSTITUTE  
Dublin, Ireland, August 21–26, 2011**



The 58<sup>th</sup> Congress will be held in the Convention Centre Dublin (CCD). The Scientific Programme will offer delegates innovative and stimulating topics with well-balanced presentations. The Congress will include presentations on recent research, applications, and training for statisticians on key topics surrounding water, food, energy, climate change, financial systems, and urbanization. IASE is organizing ten Invited Paper Meeting sessions:

- **IPS47 Applying results of statistics education research to teaching statistics**  
*Organizer:* Joan Garfield (USA)  
*Description:* How can we best apply the results of educational research to teaching statistics? How can statistics education be embedded in a research context?
- **IPS48 Teaching Courses in Probability Modelling**  
*Organizer:* Allan Rossman (USA)  
*Description:* In the past there has been much greater emphasis on improving the introductory Statistics course than on how to teach Probability Modelling. This session will explore how to address this imbalance.
- **IPS49 Integrating qualitative research methods in introductory statistics courses: reflections and directions**  
*Organizers:* Irena Ograjensek (Slovenia), Iddo Gal (Israel)  
*Description:* Is it appropriate for a statistics course to include qualitative research approaches? This session will consider the arguments for and against inclusion.
- **IPS50 Opportunities and pitfalls of e-learning, virtual learning environments, and open education resources**  
*Organizers:* Rolf Biehler (Germany), Abbas Bazargan (Iran)  
*Description:* The purpose of this session is to consider the potentialities and pitfalls of e-learning resources and analyze their impact on statistics education.
- **IPS51 Enhancing statistics education through international cooperation and the use of international data (joint with IAOS)**  
*Organizer:* Reija Helenius (Finland)

*Description:* Internationalising the Statistical Education experience through cooperation in training, teaching, research, and the use of international comparisons of data.

- **IPS52 Teaching sampling techniques in agriculture, biology and social sciences**  
*Organizers:* Carla Rossi (Italy), Flavia Mascioli (Italy), Álvaro González Villalobos (Argentina)  
*Description:* How can sampling methods such as capture-recapture methods be used as a tool to introduce basic concepts in probability and statistics for biology and social sciences undergraduate courses?
- **IPS53 Using popular books and entertainment in teaching statistics**  
*Organizer:* Patrick Murphy (Ireland)  
*Description:* The aim of this session is to explore how materials from popular culture may be used to enhance student engagement and understanding in the statistics classroom.
- **IPS17 Risk communication to a lay audience reflecting uncertainty and variability issues (Risk Committee with IASE assistance)**  
*Organizers:* John Bailer (USA), Lutz Edler (Germany), Helen MacGillivray (Australia)
- **STS08 Statistical Literacy, Critical Numeracy and Social Statistics**  
*Organizer:* Milo Schield (USA)  
*Description:* To review new initiatives involving the teaching of statistical literacy and critical thinking to help students read and interpret summary social statistics in the everyday media.

For more information:

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Website: <http://www.isi2011.ie/content/>

## OTHER FORTHCOMING CONFERENCES

### USCOTS 2011

#### UNITED STATES CONFERENCE ON TEACHING STATISTICS “THE NEXT BIG THING”

Embassy Suites Hotel in Cary, North Carolina, USA, May 19–21, 2011



The fourth biennial U.S. Conference on Teaching Statistics (USCOTS), hosted by the Consortium for the Advancement of Undergraduate Statistics Education (CAUSE), will take place May 19–21, 2011, at the Embassy Suites Hotel in Cary (Research Triangle), North Carolina. The conference theme is “The Next Big Thing.” Plenary speakers include Bob delMas, Rob Gould, Dennis Pearl, Allan Rossman and Beth Chance, and Wayne Stuart.

For more information: <http://www.causeweb.org/uscots/>

**EARLYSTATISTICS COMENIUS COURSE**  
**Nicosia, Cyprus, May 22-29, July 17-24, September 11-18, 2011**



The course “EarlyStatistics: In-Service Training in Statistics Education” will be offered three times during 2011. This course is the main outcome of the EU funded Socrates-Comenius project Enhancing the Teaching and Learning of Early Statistical Reasoning in European Schools (Ref. No: 226573-CP-1-2005-1-CY-COMENIUS-C21, 2005-2008). It is offered as a LLP Comenius in-service course targeting European elementary and secondary school mathematics teachers. The course aims at helping teachers improve their pedagogical and content knowledge of statistics through exposure to innovative educational tools and resources, and cross-cultural exchange of experiences and ideas.

The following three sessions of the course have been planned for 2011.

- Session 1: Nicosia, Cyprus; May 22-29, 2011
- Session 2: Nicosia, Cyprus; July 17-24, 2011
- Session 3: Nicosia, Cyprus; Sept. 11-18, 2011

Detailed information about the course can be obtained from the LLP Comenius/Grundtvig Training Database, Course Reference Number: CY-2011-070-003.

For more information: <http://ec.europa.eu/education/trainingdatabase/index.cfm>

**PME 35**  
**35th CONFERENCE OF THE INTERNATIONAL GROUP FOR THE**  
**PSYCHOLOGY OF MATHEMATICS EDUCATION**  
**Middle East Technical University, Ankara, Turkey, July 10–15, 2011**



The International Group for the Psychology of Mathematics Education (PME), an autonomous body, is an official subgroup of the International Commission for Mathematical Instruction (ICMI). PME 35 provides an opportunity for mathematics educators around the world to share the most up-to-date information regarding mathematics education generally and developing mathematical thinking specifically.

For more information: <http://www.arber.com.tr/pme35.org/index.php/home>

**2011 JOINT STATISTICAL MEETINGS**  
**“STATISTICS: AN ALL ENCOMPASSING DISCIPLINE”**  
**Miami Beach, Florida, USA, July 30–August 4, 2011**



The 2011 Joint Statistical Meetings (JSM) will be held July 30–August 4, 2011, at the Miami Beach Convention Center, Miami Beach, Florida, USA. JSM is the largest gathering of statisticians held in North America. It is held jointly with the American Statistical Association, the International Biometric Society (ENAR and WNAR), the Institute of Mathematical Statistics, and the Statistical Society of Canada. Attended by over 5000 people, activities of the meeting include oral presentations, panel sessions, poster presentations, continuing education courses, exhibit hall (with state-of-the-art statistical products and opportunities), career placement service, society and section business meetings, committee meetings, social activities, and networking opportunities.

For more information: <http://www.amstat.org/meetings/jsm/2011/>

**11TH INTERNATIONAL CONFERENCE OF THE MATHEMATICS  
EDUCATION INTO THE 21ST CENTURY PROJECT  
“TURNING DREAMS INTO REALITY: TRANSFORMATIONS AND  
PARADIGM SHIFTS IN MATHEMATICS EDUCATION”  
Rhodes University, Grahamstown, South Africa, September 11–17, 2011**



The Mathematics Education into the 21st Century Project serves as an international forum for both researchers and teachers. Innovation is our major objective and this includes special interests such as maths for living, humanizing maths education, equity and ethno-mathematics, the effective use of new educational technology in the classroom, and adopting new paradigms. We welcome proposals that deal with all aspects of innovative transformations and paradigm shifts in mathematics, statistics, science, and computer education, especially those helping to make these subjects more “alive,” more “realistic,” and more “accessible” to students in the future. Plenary speakers will include Prof. Dr. Ludwig Paditz from Germany and Professor Ubiratan D’Ambrosio from Brazil.

For further conference details, please email Alan Rogerson (alan@rogerson.pol.pl)  
Chairman of the International Programme Committee  
Website: <http://math.unipa.it/~grim/21project.htm>

**2012 JOINT MATHEMATICS MEETINGS  
Hynes Convention Center, Boston, Massachusetts, USA  
January 4-7, 2012**



The Joint Mathematics Meetings comes to New England! The Mathematical Association of America (MAA) and the American Mathematical Society (AMS) are making plans for the next Joint Mathematics Meetings to be held in Boston, known not only for its rich history but also for its central location to many colleges and universities. This will be the 95<sup>th</sup> annual winter meeting of MAA and the 118<sup>th</sup> annual meeting of AMS. They will again host sessions by the Association for Symbolic Logic, the Association for Women in Mathematics, the National Association for Mathematicians, and the Society for Industrial and Applied Mathematics. Attendance is expected to reach record-breaking numbers so mark your calendars!

For more information: <http://jointmathematicsmeetings.org/jmm>

**ICME 12  
INTERNATIONAL CONGRESS ON MATHEMATICAL EDUCATION  
COEX, Seoul, Korea, July 8–15, 2012**



The International Programme Committee for ICME-12 is putting together a rich, varied, and multi-faceted scientific programme for the Congress, with the aim of attracting and addressing the entire community of researchers and practitioners in mathematics education from all over the world. The programme will provide nourishment for thought and inspiration for everyone with an interest in mathematics education.

For more information: <http://www.icme12.org/>