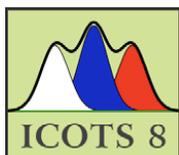


FORTHCOMING IASE CONFERENCES

ICOTS-8 DATA AND CONTEXT IN STATISTICS EDUCATION: TOWARDS AN EVIDENCE-BASED SOCIETY Ljubljana, Slovenia, July 11 - 16, 2010



The 2010 International Conference on Teaching Statistics will be held in the city of Ljubljana, Slovenia, July 11-16. It is being organised by the IASE and the Slovenian Statistical Association. The venue is the Ljubljana Cultural and Congress Centre. The conference theme is “Data and context in statistics education: towards an evidence-based society.”

Data is preferable to anecdote or intuition as a basis for robust decision-making in many professions and sections of society. More and more we want to see “the evidence.” The root purpose of statistics is to extract insight and meaning about real contexts using data. Successful learning processes must be researched and we must consider how data and context motivate our students and guide our education practices. Plenary talks will be given by Hans Rosling, Jessica Utts, Gerd Gigerenzer, Anuška Ferligoj, Cliff Konold, and Chris Wild.

For more information: <http://icots8.org/>

CFIES 2010 2ÈME COLLOQUE FRANCOPHONE INTERNATIONALE SUR L'ENSEIGNEMENT DE LA STATISTIQUE Université libre de Bruxelles, Campus du Solbosch, Belgique. September 8 - 10, 2010

This scientific meeting is organized under the aegis of the “Société Française de Statistique” (SFdS). Its objective is to gather together teachers and researchers of the following disciplines: statistics obviously, but also mathematics, education sciences, engineering of knowledge, didactic of statistics, and data processing. We should also not forget about the different disciplines that are using statistical tools, in the field of exact sciences as well as in that of social or health sciences, nor the companies that have to ensure the training of their staff in statistical techniques. This conference aims to be a meeting and an exchange venue for the actors in charge of the training of both young and adult people at any level: obligatory and higher education, but also the continuing education.

For more information: <http://cfies2010.ulb.ac.be/>

SRTL-7 THE SEVENTH INTERNATIONAL RESEARCH FORUM ON STATISTICAL REASONING, THINKING, AND LITERACY New Approaches to Developing Reasoning about Samples and Sampling in the Context of Making Inferences Freudenthal Institute, Utrecht, the Netherlands, July 17 – 23, 2011

The Forum will build on and expand the work discussed at previous SRTL gatherings. Recent research suggests it is important to study further the ideas and approaches related to reasoning about samples and sampling in the context of making informal statistical inferences. This topic is relevant at all levels of schooling, even in the early years.

The ideas of sample and sampling are of particular interest because they build on many core statistical concepts. It is important that students understand these concepts and their interrelationship in order to reason about informal and later formal aspects of statistical inference (Garfield & Ben-Zvi, 2008). Two central ideas of sampling – sampling representativeness and sampling variability – are believed to be important foundations for understanding statistical inference. For example, Rubin and her colleagues (Rubin, Bruce, & Tenney, 1990) cautioned that overreliance on sampling representativeness leads students to think that a sample tells us everything about a population, while overreliance on sampling variability leads students to think that a sample tells us nothing useful about a population.

Recently, several instructional programs have been developed that focus on the use of simulations and dynamic visualizations to help students develop their understanding of sampling, modeling, and other statistical concepts (e.g., Konold & Kazak, 2008). Despite the development of flexible and visual tools, however, research suggests that showing students demonstrations of simulations using these tools will not necessarily lead to improved understanding and reasoning (see Chance et al., 2007)

The kinds of questions we will examine at SRTL-7 are designed to lead to new approaches to understanding sampling issues in the context of making inferences rather than the traditional focus on sampling distribution and the Central Limit Theorem. Therefore, we encourage qualitative and video-based research studies to be presented that address questions about students at any level (school, university, workplace) such as the following:

- How does reasoning about sample and sampling develop in the context of learning to make informal inferences from data?
- How are ideas related to sample and sampling used in making informal statistical inferences?
- What are innovative and effective tasks, tools, or sequences of instructional activities that may be used to promote the understanding of reasoning about sample and sampling, in making statistical inferences?

Philosophical, historical, and psychological contributions on the theme of the role of reasoning about sample and sampling in the context of making inferences are also welcomed.

Expression of interest to attend the conference can be submitted before September 1, 2010 (a form will follow), but conference attendance is by invitation because only a small number of scholars can be accommodated. Inquiries may be addressed to Arthur Bakker (arthur@fi.uu.nl).

For more information: <http://srtl.stat.auckland.ac.nz/>

OTHER FORTHCOMING CONFERENCES

2010 JOINT STATISTICAL MEETINGS Vancouver, BC, Canada, July 31 – August 5, 2010

JSM (the Joint Statistical Meetings) 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: jsm@amstat.org

Website: <http://www.amstat.org/meetings/jsm/2010/>

2010 AUSTRALIAN CONFERENCE ON TEACHING STATISTICS Fremantle, Western Australia, December 9 – 10, 2010

A two-day satellite conference, from 9-10 December, for statistics educators and practitioners, including universities, colleges and schools, industries and governments will be held in conjunction with ASC2010 (Australian Statistical Conference, December 6-10, 2010). Invited and contributed papers on topics across the statistical education spectrum will be presented. Keynote speakers include Professor Delia North (University of Kwa-Zulu Natal, South Africa) and Professor Chris Wild (University of Auckland, NZ).

For more information: <http://www.promaco.com.au/2010/asc/ozcots.htm>

USCOTS 2011 UNITED STATES CONFERENCE ON TEACHING STATISTICS 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, North Carolina.

More information about the conference theme and other details will be forthcoming at <http://www.causeweb.org/uscots/>

ISI-58 THE 2011 SESSION OF THE INTERNATIONAL STATISTICAL INSTITUTE Dublin, Ireland, August 21 - 26, 2011



The 58th Congress will be held in the Convention Centre Dublin (CCD). The Scientific Programme of the 58th Congress 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, including a Them Day on the topic of “Water, Quality and Quantity. It will also be an opportunity for statisticians and probabilists to identify new research topics and possible new collaborators. We are particularly emphasising:

- Increasing communication and collaboration among specialists from different ISI Sections.
- Increasing the diversity of the meeting by ensuring that more leading roles (organizers and speakers) are taken by people from across the world, particularly developing countries, as well as by more female “early career” statisticians.
- Ensuring that each part of the ISI informs a wider audience than just specialists in selected topics.
- Engaging with the broader community to increase the influence of statistics on significant world, national, and scientific issues.

For more information:

Murray Cameron (murray.cameron@csiro.au)

Patrick Murphy (IASE, patrick.murphy@ucd.ie)

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

**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. Our accumulated experiences are represented in the nine volumes of previous conference proceedings (in addition to our UNESCO handbook). There are now more than 40 years of research-in-action represented in our project's work - including the vast didactic innovations of SMP and other UK projects in the 1960s and 1970s, national initiatives in Germany, Holland, Scandinavia, Australia, Brazil, and so on in the 1970s and 1980s, and many other major innovative projects throughout the world.

The Program Committees for the Conference invite mathematics, statistics, informatics and science teachers, university faculty members and national and regional coordinators and administrators from all countries to submit proposals for inclusion in the Conference Programme and publication in the Conference Proceedings. 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.

If you wish to present a paper or a workshop please email a MSWord proposal of less than one page clearly indicating (in this order):

- your name and institution
- your email address
- the title of your proposal
- a short summary or abstract of your paper or workshop (please make it clear whether it will be a Paper or a Workshop)
- what area of innovative mathematics education your topic falls under
- what specific way your paper/workshop will relate to the theme of the conference.

(NB please send any attachment as a normal MSWord.doc, NOT docx, pdf, rtf, nor any other formatted files.)

Our conferences strongly encourage proposals of all types and we have a very open policy to accept in the programme not only refereed papers, but also workshops and contributions from teachers discussing innovative work in their schools. English will be the official language of the conference (and of the proceedings which will be printed before the conference, and available on-line afterwards).

Deadlines

- Proposals should be sent as an MSWord document by email only as soon as possible, and not later than November 25, 2010, to alan@rogerson.pol.pl.
- For workshop presenters: Please send a “workshop summary” of 1-6 pages which will be published in the pre-conference printed proceedings and also online after the conference. This is to help you advertise your workshop to participants who will have the proceedings in their hands when they register, and also to have a permanent record of your work after the conference. Please note all detailed format requirements below apply to both workshop summaries and papers.

For more information: <http://math.unipa.it/~grim/21project.htm>

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



The International Programme Committee (IPC) for ICME-12 would like to extend its warmest greetings to all of you. The IPC is doing its very best to put 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. It is our ambition to provide to provide nourishment for thought and inspiration for practice to the established mathematics educator of world renown and to the novice in the field attending an ICME for the first time, and to everyone else who takes an interest in mathematics education.

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