

International Association for Statistical Education



Editorial Address	Susan Starkings, Learning & Development Centre, South Bank University, Borough Road, London SE1 0AA, United Kingdom. Tel: +44 (0) 20 7815 7455 Fax: +44 (0)20 7815 6464 E-mail: starkisa@lsbu.ac.uk
President	Carmen Batanero, Department of Mathematics Education, Faculty of Education, University of Granada, Campus de Cartuja, 18071 Granada, Spain. Tel: +34 958 243950 Fax: +34 958 246359 E-mail: batanero@ugr.es Web site: www.ugr.es/local/batanero
Website	http://www.cbs.nl/isi/iase.htm

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IASE Elections

The results of the IASE Elections are as follows:

PRESIDENT– ELECT

Gilberte Schuyten (Belgium)

VICE–PRESIDENTS

Carol Joyce Blumberg, USA

Lisbeth Cordani, Brazil

Susan Starkings, UK

Christine Reading, Australia

Larry Weldon, Canada

We welcome the new members of the IASE Exec, thank all those who have previously been on the IASE Exec and we are also very grateful to all who stand at the elections.

IASE Roundtable Sweden June 28 – July 3 2004

General Call for Papers

The IASE and the ISI are organizing the 2004 Roundtable on Curricular Development in Statistics Education, which will be held at Lund Institute of Technology at Lund University in Lund, Sweden from 28 June to 3 July 2004. The Round Table will bring together a small number of experts, representing as many different countries as possible, to discuss views and approaches to curriculum for

teaching statistics. The Round Table Conference will provide opportunities for developing better mutual understanding of common problems and for making recommendations concerning the statistics curriculum. A main outcome of the Roundtable will be a monograph containing a set of papers, which have been prepared for and discussed during the conference. The monograph will present a global overview of the conference that can serve as starting point for further research on issues related to the statistics curriculum.

The need for processing the increasing amount of data people receive in the course of their work and lives has made it imperative that students leave elementary and secondary schools prepared to make reasoned decisions based on sound statistical thinking. Countries and communities have approached this problem in different ways. The Round Table will provide the opportunity for sharing what works and to highlight the challenges and potential solutions researchers have faced as they design and implement curricula to produce statistically literate citizens. The Round Table will be held immediately prior to the Tenth International Congress on Mathematical Education to be held in Copenhagen, Denmark in 2004, July 4–11.

The IASE Scientific Program Committee will prepare the program and schedule for the Roundtable. The Committee has agreed on a list of topics that will form the basis of the discussions and invites those interested to send in a three-page summary of their proposed paper. The major topics to be addressed at the primary, secondary, tertiary, or inservice levels are:

Relationship between curriculum and assessment
Role of research in shaping curriculum
Impact of technology on the statistic and probability curriculum
Innovative curricular practices
Teacher preparation
Statistical literacy

Theoretical papers should include:

- a) the statement of the problem
- b) background or appropriate previous work
- c) discussion of main arguments
- d) implications for curricular development
- e) references

Descriptions of experimental research should include:

- a) the statement of the problem and methodology
- b) background or appropriate previous work
- c) data analysis and discussion of main results
- d) implications for curricular development
- e) references

Descriptions of curriculum innovations should include:

- a) focus and philosophy of the curriculum
- b) background and development process
- c) description
- d) pilot and implementation results
- e) sources and references

The Program Committee will review the summaries. Authors of papers that seem promising in terms of the overall Roundtable program will be encouraged to submit full papers. The final selection will be made on the basis of the contribution of the paper to the thinking of the field and to ensure representation from diverse communities across the world.

Manuscript Submission

Papers may be submitted for the primary, secondary, tertiary, or inservice levels within each of the topics according to the following process. Authors must submit a three-page summary of a proposed paper for review by the Program Committee. Authors of summaries that are in line with the goals of the overall Roundtable program will be asked to submit full papers. The final selection of papers to be presented at the Roundtable will be made on the basis of their contribution to curricular development in statistics, with attention given to balance across topics and across diverse communities from around the world.

Summaries should be submitted electronically as a Word file. Pictures and graphs should be embedded within the text. Margins should be 1.24 cm all around in Times, 12-point font.

Important deadlines

October 1, 2003 for submission of summaries of papers to the Chair of the Scientific Program Committee, Gail Burrill at burrill@msu.edu

November 1, 2003 for provisional acceptance of papers;

January 2004 for first draft of papers;

March 2004 for final acceptance of papers for the Roundtable;

July 2004 presentation of papers at Roundtable;

October 2004 for final version of revised papers.

IASE Activities at the 55th Session of the ISI, Sydney, Australia, 2005

Chris Wild is the IASE representative at the ISI Programme Co-ordinating Committee for ISI-55th Session, to be held in Sydney, Australia, April 5-12, 2005. For further information please contact Chris Wild at c.wild@auckland.ac.nz

ICOTS-7 Brazil, August 2006 'Working cooperatively in statistics education'

The international programming committee, for the above conference are as follows:

Chair: Carmen Batanero (Spain), batanero@ugr.es

Programme Chair: Susan Starkings (UK), starkisa@vax.sbu.ac.uk

Editors of Proceedings: Allan Rossman (USA), arossman@calpoly.edu and Beth Chance (USA), bchance@calpoly.edu

Scientific Secretary: John Harraway (New Zealand), jharraway@maths.otago.ac.nz

Local organisers representative at the IPC: Lisbeth Cordani (Brazil), lisbethk@terra.com.br

Topic and Topic Convenors are:

Topic 1. Working cooperatively in statistics education:

Lisbeth Cordani (Brazil) accepted, lisbethk@terra.com.br

Mike Shaughnessy (USA), mike@math.pdx.edu

Topic 2. Statistics Education at the School Level.

Dani Ben-Zvi (Israel), dbenzvi@univ.haifa.ac.il

Lionel Pereira (Singapore), lpereira@nie.edu.sg

Topic 3. Statistics Education at the Post Secondary Level.

Martha Aliaga (USA), aliaga@umich.edu

Elisabeth Svensson (Sweden), elisabeth.svensson@esi.oru.se

Topic 4. Statistics Education/Training and the Workplace.

Pedro Silva (Brazil), pedrosilva@ibge.gov.br

Pilar Martín (Spain), pilar.guzman@uam.es

Topic 5. Statistics Education and the Wider Society.

Brian Phillips (Australia), BPhillips@groupwise.swin.edu.au

Phillips Boland (Ireland), Philip.J.Boland@ucd.ie

Topic 6. Research in Statistics Education.

Chris Reading (Australia), creading@metz.une.edu.au
Maxine Pfannkuch (New Zealand), pfannkuc@scitec.auckland.ac.nz

Topic 7. Technology in Statistics Education

Andrej Blejec (Slovenia), andrej.blejec@uni-lj.si
Cliff Konold (USA), konold@srri.umass.edu

Topic 8. Other Determinants and Developments in Statistics Education.

Theodore Chadjiadelis (Greece), chadji@polsci.auth.gr
Beverley Carlson (USA), bcarlson@eclac.cl

Topic 9. An International Perspective on Statistics Education:

Delia North (South Africa), delian@icon.co.za
Ana Silvia Haedo (Argentina), haedo@qb.fcen.uba.ar

Topic 10. Contributed Papers.

Joachim Engel (Germany), Engel_Joachim@ph-ludwigsburg.de
Allan Mc Lean (Australia), alan.mclean@buseco.monash.edu.au

Topic 11. Posters.

Celi Espasandín López (Brazil), celilopes@directnet.com.br

So far the local organising committee consists of the following people:

Pedro Alberto Moretiin (Brazil), pam@ime.usp.br
Lisbeth K. Cordani (Brazil), lisbeth@maua.br
Clélia Maria de C. Toloi (Brazil), clelia@ime.usp.br
Wilton de Oliveira Bussab (Brazil), bussab@fgvsp.br

To see what was presented at our previous conference, ICOTS 6, you can visit the following website

<http://icots6.haifa.ac.il/icots6.html>

IASE Statistical Education Research Journal (SERJ)

The IASE Statistics Education Research Journal, Volume 2, Number 1 is now available at SERJ web page: <http://fehps.une.edu.au/serj/>

Since the previous issue we have been working in various ways to improve SERJ and to expand its impact on statistics education research. SERJ is now extracted in the Math Database and the Current Index to Statistics. A link to the SERJ web page is now included in the Journal of Statistics Education and on 45 other web pages of professional organizations or institutions.

In this issue we have four refereed papers (for the first time we are including a paper in Spanish) complemented by our usual sections. Here we should like to draw your attention to summaries of papers presented at CERME 3 (Congress of European Research in Mathematics Education), where, for the first time a stochastic group was organized.

The IASE are pleased to announce that Iddo Gal has been appointed as the next editor.

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Antonio Estepa and Francisco Tomas Sanchez-Cobo. Evaluacisn de la Comprension de la Correlacisn y Regresisn a partir de la Resolucisn de Problemas

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Information on Past Conferences

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International Statistical Literacy Project (ISLP)

An Open Meeting of ISLP Advisory Committee will be held during the ISI Session in Berlin. The meeting will be held on 14 August from 7:30 to 9:00 in Rooms 11/12 of the International Congress Centre. Please contact Carol Blumberg at cblumberg@winona.edu for further information.

IASE Sponsored Session on "Using the History of Statistics to Improve the Teaching of Statistics" during Joint Statistical Meetings

The IASE will sponsor for the first time an Invited Paper Session during the Joint Statistical Meetings in San Francisco, California from 3 to 7 August 2003. The Invited Session will be co-sponsored by the ISI, the ASA Section on Statistical Education, and the ASA Section on Teaching of Statistics in the Health Sciences.

The session will be held on Thursday, 7 August from 10:30 to 12:20 in Continental Ballroom 6 of the Hilton. The speakers will be Herbert A. David on "The History of Statistics in the Classroom", David R. Bellhouse on "Probability and Statistics Ideas in the Classroom - Lessons from History" and Fred L. Bookstein on "Learning from the Coercive Power of Numerical Evidence: Three Classical Examples". The discussants are Jay L. Devore and Jeffrey A. Witmer. For further information contact the session organiser Carol Blumberg at cblumberg@winona.edu

Forthcoming Conferences with Statistics Education Components

The Mathematics Education into the 21st Century Project, Brno, Czech Republic, September 19–25, 2003.

The Mathematics Education into the 21st Century Project has just completed its fifth successful international conference in Sicily, following conferences in Egypt, Jordan, Poland and Australia. The Chairman of the Local Organising Committee is Professor Ivan Mezník of the Technical University of Brno. The title of the conference is "The Decidable and the Undecidable in Mathematics Education", a tribute to Kurt Gödel who was born and educated in Brno.

Papers are invited on all innovative aspects of mathematics education including Statistics Education, Gender & Equity, Ethnomathematics, Rich Learning Tasks, Problem Solving, Applications, Research on Teaching and Learning, Technology in the classroom, Computer Graphics and Teacher Education. For further conference details please contact Alan Rogerson (arogerson@vsg.edu.au).

Espace Mathématique Francophone, Tozeur, Tunisia, December 19–23, 2003

This international colloquium is organised jointly by the Tunisian Commission for the Teaching of Mathematics, the Tunisian Association of Mathematical Sciences, and with the co-operation of the French Commission for the Teaching of Mathematics. It will give the international community of French speaking specialists the opportunity to address the main problems concerning the teaching of Mathematics in our societies, mainly at the elementary and high school levels, as well as in teacher training.

There will be a variety of activities: conferences, group sessions, workshops, etc., based on the following ten topics:

The teaching of Mathematics within many cultures
Mathematics for everyone: making Mathematics user-friendly
History of Mathematics and epistemology
The recent evolution of curricula
Inter-level transitions: elementary to high school, high school to college
Inservice and preservice teachers training
Teaching tools
Teaching of Probability and Statistics
In service Teaching
Mathematics and other subjects
For more information see <http://www.mathinfo.u-picardie.fr/EMF2003>

Chance Website: <http://www.dartmouth.edu/~chance>

This site contains materials to help teach a Chance course. Chance is a quantitative literacy course developed cooperatively by the Chance Team: J. Laurie Snell (<http://www.dartmouth.edu/~chance/JLSnell.html>) and Peter Doyle (<http://www.math.dartmouth.edu/~doyle/>) of Dartmouth College, Joan Garfield (<http://education.umn.edu/EdPsych/faculty/Garfield.html>) of the University of Minnesota, Tom Moore (<http://www.cs.grin.edu/~mooret/vita/Tom-Moore-vita.html>) of Grinnell College, Bill Peterson (<http://www.middlebury.edu/~wpeterso/>) of Middlebury College, and Ngambal Shah of Spelman College. The team is assisted by grants from NECUSE and the National Science Foundation's Undergraduate Curriculum Development Program. The goal of Chance is to make students more informed, critical readers of current news stories that use probability and statistics.

Chance News is a monthly newsletter that provides abstracts of articles from current newspapers and journals, and suggests discussion questions for class use. It also includes links to related resources at other web sites.

The Current Chance News

(http://www.dartmouth.edu/~chance/chance_news/current_news/current.html)

and previous issues

(http://www.dartmouth.edu/~chance/chance_news/recent_news/recent.html) are archived on this site as well as ways to search previous issues. To receive the newsletter by e-mail send a request to Laurie Snell: jlsnell@dartmouth.edu

The website offers: a collection of video lectures, syllabi of previous Chance courses, articles that have been written about the Chance course and teaching aids where you find the Teacher's Guide and other materials useful for teaching a Chance course. Links to other servers having materials useful for teaching a probability or statistics course are also given.