

FORTHCOMING IASE CONFERENCES

2020 IASE ROUNDTABLE “NEW SKILLS IN THE CHANGING WORLD OF STATISTICS EDUCATION” Online Conference, July 2020



Chair of the International Programme Committee is Sibel Kazak. The theme of the conference comprises the following strands:

- The use of meaningful data in teaching and learning statistics.
- The role of multivariate thinking in inferential reasoning.

- The influence of data science on the curriculum and introductory statistics courses.
- Increasing power of technology for doing statistics and for enhancing learning and understanding of key statistical concepts.
- The changing nature of data visualization and implications for the curriculum.
- Collaboration with other disciplines to enhance students' statistical understanding.

Due to the global pandemic caused by the coronavirus disease COVID-19, IASE has decided, after careful consideration of possible consequences and implications, that the Roundtable cannot be held as planned as an on-site conference. Instead, the IPC plans for an online exchange of ideas and discussion, independent of time and space in July 2020.

More information: iase-web.org/conference/roundtable20/?home

14th INTERNATIONAL CONGRESS ON MATHEMATICAL EDUCATION (ICME 14)

Shanghai, China, 11–18 July, 2021



After Hamburg 2016, the series of the Topic Study Groups under the flagship IASE at ICME will be continued in Shanghai, China. Two groups concern statistics education. A description of the goals may be seen from our conference calendar in *SERJ* 18(1).

Topic Study Group 11: Teaching and learning of probability

Chair: Egan Chernoff (Canada), Ernesto Sánchez (Mexico)

Team: Ali Rejali (Iran), Sibel Kazak (Turkey), Kan Guo (China)

Topic Study Group 12: Teaching and learning of statistics

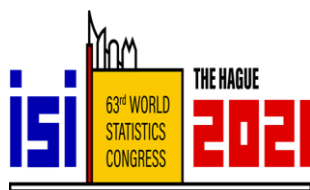
Chair: Enriqueta Reston (Philippines), Andreas Eichler (Germany)

Team: Leandro de Oliveira Souza (Brazil), Gail Burrill (USA), Qian Chen (China)

More information: www.icme14.org/static/en/news/37.html?v=1557467247882

63rd WORLD STATISTICS CONGRESS OF THE ISI

The Hague, The Netherlands, 11–15 July, 2021



The 63rd ISI World Statistics Congress will bring together statisticians and data scientists from academia, official statistics, health sector, and business, junior, and senior professionals, in an inviting environment. The inspiring and interactive programme will provide the platform to learn about the latest developments in statistical research and practice in an informal ambiance. A series of short courses, satellites, and other

events complete the WSC programme. The statistics education community wants to continue the tradition from the earlier World Statistics Congresses in Dublin (2011), Hong Kong (2013), Rio (2015), Marrakesh (2017), and Kuala Lumpur (2019), and show a string presence also at the coming WSC in 2021 and pull together strong Invited Paper Sessions (IPS). Daniel Frischemeier from Germany is IASE's representative in the planning committee for invited paper sessions. If you plan to submit a proposal for an Invited Paper Session, express your interest to Daniel.

More information: www.isi2021.org/ Contact: dafr@math.upb.de

ISLP INTERNATIONAL POSTER COMPETITION FOR 2020–21

International Statistical Literacy Project



This competition invites school students from around the world to design a statistical poster. Every two years, it attracts many schools and promotes the case of statistics and statistics education. The winners of the 2018-19 competition may be seen from the ISLP website where the interested reader can also find the winner posters. The next competition has been announced.

More information: iase-web.org/islp/

ISLP BEST COOPERATIVE PROJECT AWARD 2021

International Statistical Literacy Project



The winners of the 2019 Award may be found on the ISLP website. For those who think of joining the next competition, the old guidelines on the website can provide an orientation. The call will be announced on the website in the Fall of 2020.

More information: iase-web.org/islp/Competitions.php?p=Best_Cooperative_Project_2019

11th INTERNATIONAL CONFERENCE ON TEACHING STATISTICS (ICOTS 11)

Universidad de Rosario, Rosario, Argentina, 2022

The series of ICOTS will be continued in Rosario, Argentina, in 2022. Exact dates will be fixed soon. If you are interested in an active role in shaping the programme, you may contact the chair of the IPC, Bruno de Sousa (bruno.desousa@fpce.uc.pt). The organizer is Teresita Téran (teresitateran@hotmail.com). More information will soon be available.

More information: iase-web.org/Conferences.php?p=Upcoming

OTHER FORTHCOMING CONFERENCES

2020 JOINT STATISTICAL MEETINGS

Virtual Conference 2–6 August, 2020



The details are work in progress. The interested reader may consult the conference website. The panel discussion on *Statistics Education Research: Opportunities for Dissemination* will be of essential interest. Panelists representing all journals that are oriented towards statistics education will discuss possibilities to improve the quality of publications.

From the description of the panel, one might see the intention of the panel and its value for the development of statistics education as a discipline:

Statistics education research continues to grow and evolve. Publication opportunities have increased and include multiple journals devoted to statistics education research. The purpose of this panel presentation is to provide an overview of publication outlets and peer-reviewed dissemination possibilities for statistics education research. The journals represented will include *Journal of Statistics Education*, *Statistics Education Research Journal*, *Technology Innovations in Statistics Education*, and the Teacher Corner section for *The American Statistician*. The panelists in this session are editors or editorial board members who will discuss submission criteria, and ideas for the development of publishable manuscripts.

More information: ww2.amstat.org/meetings/jsm/2020/

RSS 2020 INTERNATIONAL CONFERENCE – FOR STATISTICIANS AND DATA SCIENTISTS

Virtual Conference, 7–10 September, 2020



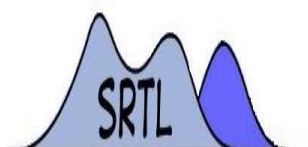
This conference is welcoming all statisticians and data scientists. The programme will be organised by ‘streams’ as well as broader presentations on new developments and thinking in statistics. Further details will be announced on the website.

More information:

events.rss.org.uk/rss/frontend/reg/thome.csp?pageID=126329&eventID=406&CSPCHD=001001000000GMQy8Mufkhs4p_S0BP6MLca8gZkzWVy1jgSCOZ

STATISTICAL REASONING, THINKING AND LITERACY RESEARCH FORUM (SRTL 12)

University of Utrecht, The Netherlands, 5–11 July, 2021



The conference theme is *Re-thinking learners’ reasoning with non-traditional data*. SRTL-12 will be hosted by the University of Utrecht. The local committee will include Arthur Bakker, Marianne van Dijke-Droogers, and Lonneke Boels.

More information: blogs.uni-paderborn.de/srtl/srtl-12/

10TH AUSTRALIAN CONFERENCE ON TEACHING STATISTICS (OZCOTS 2021)

Gold Coast Convention and Exhibition Centre, Queensland, Australia, 8–9 July, 2021



OZCOTS are meetings on statistics education, run by an informal group, which overlap with an Australian Statistical Conference. The conference will consider the challenges of teaching statistics for future statisticians, statistical users, and consumers under the theme of *Statistics education in today’s world*. The roles of statistical understanding and thinking are essential in all disciplines, increasingly driven by big data, evidence-based agendas, and technological advances which generate data as well as enable complex problem-solving, data visualisation, and analysis. The organisers plan to include keynotes, contributed papers, and forum discussions on issues across the statistical education spectrum of interest to the whole statistical profession. The programme aims to address challenges of the intersection of data science and statistics across different disciplines and learning strategies, including topics ranging across the curricula and technology for teaching introductory and undergraduate statistics; resources and online learning; statistics learning for postgraduates, researchers and workers; and research in the teaching of statistics.

More information: <https://anzsc2021.com.au/ozcots-conference/>

**ANNUAL CONFERENCE OF THE INTERNATIONAL GROUP FOR THE PSYCHOLOGY
OF MATHEMATICS EDUCATION (PME 44)**

**Mathematics Education in the 4th Industrial Revolution:
Thinking Skills for the Future**

Institute for Research and Development in Teaching Profession for ASEAN,
Khon Khaen University, Date TBA, 2021



Plenary speakers are Roberto Araya (Chile), David Wagner (Canada), Michal Tabach (Israel), Berinderjeet Kaur (Singapore). The Panel discussion will be held on the topic *The 4th Industrial Revolution will transform/disrupt the Teaching and Learning of Mathematics*. The panel members will be Hamsa Venkatakrishnan (South Africa), Lew Hee-Chan (South Korea), David Keith Jones (United Kingdom), Anna Baccaglini Frank (Italy), and Oi-Lam Ng (Hong Kong). More information: pme44.kku.ac.th

**12th CONGRESS OF
EUROPEAN RESEARCH IN MATHEMATICS EDUCATION (CERME 12)**

Bolzano, Italy, 2 – 6 February, 2022



CERME 12 will be held in Bolzano, Italy. Local Chair: Giorgio Bolondi (Co-Chair: Federica Ferretti); Programme Chair: Jeremy Hodgen (Co-Chair: Eirini Geraniou). Again, there will be a group on *probability and statistics*.

For those interested to contribute, it is advisable to visit the ERME website where the details soon will be announced. Or you may contact Caterina Primi who has organised the group for the last CERME in Utrecht.

The new members of the team of the group might bring in their own interests but the topics should not differ so much from the past. For CERME 11, the group appreciated the following themes:

- Probabilistic and statistical thinking and its relationship to mathematical thinking.
- Dispositions, attitudes, and beliefs towards probabilistic and statistical thinking.
- The role of context in statistics.
- The professional development of teachers to teach statistics and probability.
- Computer-based tools on the learning and teaching of probability and statistics.
- Theoretical frameworks that may provide insightful models for interpreting evidence.
- Big data and analytics in K-12 education.
- Assessment in statistics education.

The proceedings of CERME 11 in Utrecht are available from: www.mathematik.tu-dortmund.de/~erme/index.php?slab=proceedings

More information: www.cerme12.it/