

# IASE NEWS

January 2023



The International Association for Statistical Education (IASE)

Happy New Year! I believe you had a good start to the year. It appears that our community will have a lot of opportunities to share experiences and get together this year. Among them is the 64th ISI World Statistics Congress which will feature 16 interesting IASE-related IPS sessions.

I am attaching this monthly newsletter as a PDF document to this email. If the attachment of the newsletter is missing, you can find it at <https://iase-web.org/News.php>. Wishing you a successful year.

James Kaleli Musyoka, Vice President of IASE

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## Association News

### Call for nomination of officers for the IASE Executive Committee

By Ayse Aysin Bombaci Bilgin (A<sup>2</sup>B<sup>2</sup>), IASE President

I am writing regarding the nomination of officers for the IASE Executive Committee for the period July 2023-July 2025. As a background, please see our Statutes (i.e., by-laws), which also govern the appointment of officers, at: <http://iase-web.org/About.php?p=Statutes>.

#### 1. OFFICERS WE NEED

The slate for the 2023-2025 term must consist of a President-Elect and five Vice-Presidents. The current Vice-Presidents (2021-2023) are: Pip Arnold (New Zealand), Bruno de Sousa (Portugal), Rob Gould (United States), Sibel Kazak (Turkey) and James Kaleli Muyoska (Kenya). Pip, Bruno and Sibel are finishing their first term in July 2023 and are eligible for a second term and declared their availability for a second term in office. The others have finished the allotted four years as Vice Presidents. The Current President-Elect, Dani Ben-Zvi (Israel), will become President in July 2023, at which point the current President, Ayse Bilgin (Australia) will become Past-President, replacing Joachim Engel (Germany) who is currently in this role.

#### 2. NOMINATIONS COMMITTEE AND CALL FOR NOMINATIONS

I am pleased to announce that the Executive Committee has appointed Joachim Engel, IASE's Past President, to Chair an independent five-person Nominations Committee that will carry out the task of nominating a President-Elect and Vice Presidents for the 2023-2025 term. The Committee will 1) consider names from all possible sources, i.e., nominations (people proposed by other IASE members), self-nominations, or ideas from the committee itself; and 2) make efforts to nominate persons with proven leadership skills and a range of backgrounds, representing as much as possible the diverse communities of research and practice in statistics education internationally. The elected officers will join continuing members of the Executive Committee to lead the IASE's efforts in a range of international activities and will also collaborate with other societies and organisations to promote the profession worldwide. Activities include, among others: participating in IASE conferences, improving benefits to members; promoting membership in IASE and ISI, supporting statisticians who are younger or from developing countries. In view of these responsibilities, the nominees must have the time, energy and dedication to participate in IASE's work. They should have a reasonably broad knowledge of the field, the challenges it faces, and a vision of how to promote statistics at the international level. It is important to consider diversity in terms of gender, geographical representation, experience, and areas of interest as you make your nominations.

**We call upon IASE members who want to nominate others or to self-nominate themselves for the 2023-2025 term, to write no later than January 15, 2023 directly to the Committee Chair, Joachim Engel and only to him at: [engel@ph-ludwigsburg.de](mailto:engel@ph-ludwigsburg.de).** Please include brief supporting information or enough details that will enable the committee to understand the basis for the nomination or self nomination. In particular, what has the candidate contributed to the statistics education community and what they might contribute in the future? Please start such emails to Joachim with a Subject line: "IASE nominations - suggestions from [name]" to make sure they get due attention.

The Committee will keep full confidentiality regarding all emails it receives. The Committee will consider all proposals received by January 15, 2023, ask the nominees they are considering to write a short statement responding to some questions about the potential of their involvement on the Executive Committee and then embark on its deliberations. Thank you for your support of IASE.

## ISI Membership Elections

By Ayse Aysin Bombaci Bilgin, IASE President

I strongly encourage all of the IASE members to become elected ISI members. The information needed to become an ISI elected member can be found at <https://www.isi-web.org/membership/individual/elected>. If you need help identifying people to nominate your ISI elected membership, you can find the names of ISI members at <https://www.isi-web.org/about/members/individual>. Please do not let one more year go, consider applying as soon as you can to become an elected ISI member to become a member of wider community.

## Conferences and Events



## IASE 2023 Satellite Conference

*Fostering Learning of Statistics and Data Science*

Hybrid Conference

11-13 July 2023, Toronto, Canada



By Bethany White, on behalf of the IASE 2023 local organizing committee

The [13<sup>th</sup> IASE Satellite Conference](#) will take place from July 11 to 13, 2023 in hybrid format, at Toronto, Canada. We look forward to welcoming you in person to the University of Toronto or meeting with you online if you participate remotely in about 6 months' time!

The theme of this conference, which is jointly organized with the IASC, is "Fostering Learning of Statistics and Data Science". Paper and poster proposals are now being received for work that aligns with the conference theme and is related to at least one of the following topics:

- Topic 1: Fostering Learning in the Current Data Landscape
- Topic 2: Cultivating Probabilistic Thinking for Data Analysis
- Topic 3: Enhancing Statistics and Data Science in Schools
- Topic 4: Promoting Inclusion in Statistics and Data Science Education
- Topic 5: Achieving Coding Competencies in Data Science Students

**If you are interested in sharing your work at IASE 2023, please submit your proposal by the deadline (January 30, 2023) through this form: <https://forms.office.com/r/1S5ykUrKJ6>**

More information, including key dates, is available on the conference website <https://iase2023satellite.github.io>. Registration details and keynote speakers will be posted within the next few weeks; please check the website for updates as the program takes shape.

We hope you will join us for IASE 2023 to connect with colleagues and to learn from each other through the exchange of ideas on the teaching and learning of statistics and data science.



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If you have any inquiries, please email the conference organizers at [IASE2023.Satellite@gmail.com](mailto:IASE2023.Satellite@gmail.com).



## **64<sup>th</sup> ISI World Statistics Congress 2023 – Ottawa, Canada**

By the WSC 2023 Team, International Statistical Institute

Join the ISI WSC 2023 to celebrate the world of statistics and statisticians – we have some great reasons why you must not miss this edition of ISI WSC! Return to Face-to-Face Meeting – Celebrate the work of the statistics and data science community in our first face to face meeting in four years

Keynote Speakers - ISI is very proud to announce that the President's Invited Speaker for WSC 2023 will be Professor Robert Groves, Provost of Georgetown University, Washington, D.C.

Programme - Our full programme will be announced very soon – content with a packed agenda including invited sessions, contributed sessions, posters, short courses, tutorials and leading speakers you will not want to miss out on this meeting.

Networking – Collaborate and learn and enrich your thinking with colleagues from around the world.

Destination - Ottawa is the perfect city in which to celebrate this gathering of the statistical world, and our venue, the Shaw Centre, was recently awarded the title of the 'Best Convention Centre in the World'

Registrations are now open! <https://www.isi2023.org/conferences/ottawa-2023/>

## **IASE IPS sessions at the ISI congress**

By James Kaleli Musyoka, WSC IASE representative

The congress received a total of 22 proposals for IASE-related sessions. After careful review, 16 proposals were accepted. The proposals promise very interesting sessions on the following topics:

1. Evaluating the Impact of COVID-19 Pandemic and Adjustments on Teaching Statistics: The Philippine Case
2. Areas for alignment of labour market information to meet the planning needs of technical and vocational education and training
3. Looking to the Future: Important Themes in Statistics Education
4. Data science skills for the next generation of statisticians: collaboration with academia
5. Setting up of Collaborative Systems between Academic Institutions and Industry, to build a strong Data Skills/Talent Value Chain
6. Building Capacity in Statistics Education in Africa
7. Reimagining data literacy education for all students: Challenges and new directions in higher education
8. Data science education in developing countries: challenges and strategies.
9. Mentoring to Build Capacity
10. How to sustain and strengthen the LISA-2020 Stat labs in future? - Insights from experiments conducted by some of the members
11. Statistics and data in the decision-making process – how can statistical offices promote the usage and application of data?
12. Building Bridges: data fellowships + data skills = international data literacy
13. The Role of Statistical Collaboration in Achieving Sustainable Agriculture, Improved Nutrition and Food Security: The TEACH Project Experience of LISA
14. Statistical Collaboration with Domain Expert
15. Promoting Statistical Practice and Collaboration in Developing Countries
16. The African Data Initiative

## **ISI Online Courses**

By the ISI Permanent Office (PO), <https://www.isi-web.org/contact>

The ISI is currently holding Online Courses, organized in cooperation with the ISI Associations. The programme covers various areas of statistics and data science; an overview of the upcoming courses can be found on the website.

We invite you to register for the course(s) of your choice in advance in order to secure your spot. Registrations can be made via [ISI Online Courses 2022 | ISI \(isi-web.org\)](https://www.isi-web.org). We have kept the fees as low as possible and offer discounted rates for students and participants from developing countries.

One of these might be very interesting to IASE members: [\*Teaching and Communication Tools for Enabling Statistical Thinking\*](#).

## **IASE online workshops and webinars**

By Pip Arnold, Webinar director of IASE

We held recently two successful Webinars:

- [Statistical and Data Literacy in Policy-Making](#) (7 Dec 2022)
- [Through a glass darkly](#) - question and answer session (29 Nov 2022)

Videos of webinar and the presentations are available in the above links.

More information about future or past IASE webinars can be found at <https://iase-web.org/Webinars.php>



## **OZCOTS (Australian Conference on Teaching Statistics) 14-15 December 2023, Wollongong, Australia**

By Ayse Aysin Bombaci Bilgin, OZCOTS Program Chair

We invite you to participate in OZCOTS 2023, the 11<sup>th</sup> Australian Conference on Teaching Statistics. OZCOTS 2023 will run as a hybrid Conference on Thursday 14<sup>th</sup> and Friday 15<sup>th</sup> December, 2023 and will consider many challenges of teaching Statistics for future statisticians, statistical users and consumers under the theme of “Statistics as a Big Tent: Statistics and Data Science Education”. OZCOTS 2023 is building on the success of the timing and format of earlier OZCOTS as a conjoint event with the Australian Statistical Conference (ASC), to be held as a hybrid Conference in Wollongong University, Australia and online, with an overlap on Thursday 14<sup>th</sup> December 2023.

See more at <https://www.asc2023.org/ozcots>



By Kim Beswick, Convenor ICME-15

The 15<sup>th</sup> International Congress on Mathematics Education will be July 7-14, 2024 in Sydney Australia. Please visit <https://icme15.com/home> for information and <https://icmsaust.eventsair.com/icme-15/expression-of-interest/Site/Register> to register your expression of interest and subscribe to the ICME-15 newsletter.

We are working towards identifying a place for IASE 2024 Roundtable in July 2024.



## Publications

### SERJ (Statistics Education Research Journal) News

A new issue of SERJ (Volume 21, Number 3) was published on 1<sup>st</sup> December 2022. It is available at <https://iase-web.org/ojs/SERJ/index>. The current issue includes the following original papers:

1. *An Analysis of Teachers' Confidence in Teaching Mathematics and Statistics*, by Odette Umugiraneza, Sarah Bansilal, and Delia North
2. *Initial Attitudes Toward Statistics are Better in Traditional Compared to Online Courses, at Least Until COVID-19*, by Hiroki Matsuo, Aleise L. Nooner, and Amy R. Pearce
3. *Psychometric Evaluation of the Students' Attitudes Toward Statistics and Technology Scale (SASTSc)*, by Alyssa Counsell, Joseph Rovetti, and Erin Buchanan
4. *Student Performance in Curricula Centered on Simulation-Based Inference*, by Beth Chance, Nathan Tintle, Shea Reynolds, Ajay Patel, Katherine Chan, and Sean Leader
5. *Young Children's Use of Subjective Thinking in Response To Probabilistic Tasks*, by Mary Kingston, Aisling Twohill

You can read all the articles published in SERJ and the special issues at <https://iase-web.org/ojs/SERJ/issue/archive>.

Submit your article at <https://iase-web.org/ojs/SERJ/about/submissions>.

Soon we will have a call for submissions to the 2024 Special Issue of SERJ.

### ICOTS-11 Proceedings

Many thanks go to Sue (Susan) S. Peters ([s.peters@louisville.edu](mailto:s.peters@louisville.edu)) who was the Lead Editor of ICOTS-11 Proceedings. The ICOTS-11 proceedings were made live at [https://iase-web.org/Conference\\_Proceedings.php?p=ICOTS\\_11\\_2022](https://iase-web.org/Conference_Proceedings.php?p=ICOTS_11_2022). A team of volunteers, as well as a long list of referees, who all deserve recognition, made these proceedings possible. Our sincerest thanks to you all.

### A new book: Formacion del profesorado para enseñar estadística: retos y oportunidades

By Joachim Engel, Past President of IASE

Danilo Diaz-Levicoy and Audy Salcedo (Universidad Catolica de Maule in Chile) have edited a remarkable online book, entitled "Formacion del profesorado para enseñar estadística: retos y oportunidades" (Teacher Training to Teach Statistics: Challenges and Opportunities). After the special SERJ issue on stats ed in Latin America and ICOTS-11 in Rosario Argentina, this is another strong contribution to boost stats ed in South America. Many IASE members contributed a chapter to this book. see:

[https://portal.ucm.cl/content/uploads/2020/04/Formacion\\_del\\_profesorado\\_para\\_ensenar\\_estadistica\\_retos\\_y\\_oportunidades.pdf](https://portal.ucm.cl/content/uploads/2020/04/Formacion_del_profesorado_para_ensenar_estadistica_retos_y_oportunidades.pdf)

## IASE history

### **IASE history**

By Ayse Aysin Bombaci Bilgin, IASE President

IASE would like to learn from its history through the reflections of the previous IASE Presidents where possible. Due to festive season, our past presidents were busy and we do not have any memories from any of them. We will continue to include the reflections in the newsletter later in the year.