

IASE News April 2022



IASE Executive News written by Ayse Aysin Bilgin (President of IASE)

Another month passed away while we become more accustomed to living with COVID and possibly continuing to deal with what it brought us such as having COVID ourselves or our family members and continued effort to help our students to deal with difficulties created by COVID. Although in my university we moved to fully face-to-face teaching, I still have students who are unable to come to campus due to COVID therefore I have been creative to providing opportunities for my students who can't be on campus. Hybrid is the word I have heard more than ever before during the last 3 months.

ISI looking to increase the number of elected ISI members. I strongly encourage all of 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 you 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.

In the last newsletter, I shared a personal story from an Ukrainian IASE member. I am sharing another in this newsletter (below). We all would like to see that our Ukrainian colleagues are returning to safe living conditions soon.

While we are working hard to make ICOTS 11 a great experience for all, whether they can be in Rosario, Argentina or online in September 2022, IASE would like to receive expression of interest for ICOTS 12 in 2026 (see more below).

Until the ICOTS 11, we continue to have online Webinars (see more below and at <https://iase-web.org/Webinars.php>). ISI also has various topics in their online courses, upcoming courses are towards the end of this newsletter. Registrations can be made via [ISI Online Courses 2022](#) | [ISI \(isi-web.org\)](https://www.isi-web.org).

You can still contribute to the 17th Conference of the International Federation of Classification Societies (IFCS) will take place in Porto, Portugal, on 19-23 July 2022 (<https://ifcs2022.fep.up.pt/> read on more information below)

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

A/Prof Ayse Aysin Bombaci Bilgin (A²B²)

President of the [International Association for Statistical Education \(IASE\)](#)
Elected Member of the [International Statistical Institute \(ISI\)](#)
[Macquarie University](#), Australia

A personal story (15/3/2022) - War in Ukraine

Edited by the president to maintain confidentiality

“I am grateful for your position and the support of my country. Currently, I had to return from ..., where I worked My family lives in ... and they need help. I am also a conscript and am in the reserve of the first stage, so I return to my unit to fight with Russia. I also collect medical and humanitarian aid for Ukrainian military and civilians. My friends gave me money to buy three ambulances. I have already taken one car to one of the units on the front line. In the second car, I will take out the wounded from the battlefield. I understand that my story sounds strange. But the Ukrainians now have no choice. We will either fight or we will die.”

SERJ News

You can read the articles published in SERJ at <https://iase-web.org/ojs/SERJ/index>

The first edition of SERJ for 2022 has 10 papers and it is ready for you to read at <https://iase-web.org/ojs/SERJ/issue/view/5>

ICOTS 11 News

Soon registration page for the conference will be ready at <https://icots.info/11/?registration>

Call for ICOTS 12

[IASE](#), the International Association for Statistical Education, sponsors the International Congress for Teaching Statistics (ICOTS) every four years in different parts of the world. The goal of ICOTS is to give statistics educators and professionals the opportunity to exchange information, ideas and experiences, to present recent innovation and research in the field of statistics education, and to expand their range of collaborators. Recent ICOTS have been held in Kyoto, Japan, in Flagstaff Arizona in the United States; Ljubljana, Slovenia; and Salvador, Bahia, Brazil; ICOTS 11 will be held on September 11-16, 2022 in Rosario, Argentina (<https://icots.info/11/>). IASE invites you to submit a proposal to host ICOTS 12 in 2026 (ideally in July).

IPC and IASE Executive committee will support the organization of the ICOTS 12 and will cooperate with LOC.

The proposal should contain *the proposed location and rationale for that location*, possible *venues* and potential *accommodation* options near the venues; and *names of people* willing to take the responsibility for organizing the local arrangements. A form can be found at <https://forms.gle/SHYb94DKEpjUBfk69> for providing the information to the IASE Executive Committee for decision making. We welcome proposals from all parts of the world and strongly encourage you to apply. Proposals should be submitted to using the google form by May 6, 2022. If you have any questions, please send an email to the President of IASE (president@iase-web.org).

IASE

The [IASE](https://iase-web.org), the International Association for Statistical Education, seeks to promote, support and improve statistical education at all levels everywhere around the world. It is the international umbrella organization for statistics education. It fosters international cooperation, and stimulates discussion and research. It disseminates ideas, strategies, research findings, materials and information using publications, international conferences, and its website. IASE is the education section of the International Statistical Institute (ISI), but may also be joined independently by those who wish to participate in IASE's activities, or simply to support the work on improving statistics education and extending its outreach. See on our web page how you can become a member of IASE (<https://iase-web.org/Membership.php>)

What to describe in the bid

Briefly address the following key building blocks describing the possibilities, understanding that some things are not fully known now and will be clarified later.

- a. **Timeline:** An ICOTS runs from Sunday evening to Friday evening, typically in July. Tours are offered mid conference, Wednesday, beginning around 13:30. The past ICOTS have held 6-7 preconference workshops on Saturday or Sunday before the conference - a couple could be held in other languages such as Spanish.
- b. **Venue / conference center:** We expect ICOTS12 to have 500-600 people (these are the numbers for earlier ICOTS). We thus need a facility that has one big room/auditorium for plenaries/keynotes and opening/closing ceremony that is large enough to hold all delegates (but not something huge where we have much empty space); up to 10 lecture rooms of varying sizes (40-60 seats) for parallel sessions (look at the previous ICOTS programs such as [ICOTS 9](#) or [ICOTS 10](#) timetable and sessions). Typically, there are 8-9 parallel sessions and not much above that. Room sizes can give

planners some flexibility. We need 2-3 smaller rooms for administration meetings and committee work, and open space for Posters on stands (expect about 50-80 posters, divided into 2-3 sessions, so say 30-40 at a time). The venue could be a commercial conference center, or campus, if students are on vacation.

- c. **Accommodation/hotels:** We need to have a sufficient number of hotels or hostels or university dorms with rooms that can accommodate the above number and accompanying persons (spouses, etc.), plus additional support personnel. The prices should include some inexpensive choices for students and others who cannot pay the higher prices of big hotels. For example, ICOTS9 offered 80 [eighty] student dormitory rooms (at the university, for 1-2 persons each) at about 35% cost of a regular hotel room, 40-45 dollars a night, and they were all taken in a couple weeks.
- d. **Transport or mobility:** The hotels or dorms should be accessible by public transport or within sensible walking distance.
- e. **Conference dinner/Banquet:** We need an option for one conference dinner for all delegates - about 350 persons. (Some don't come because of the extra cost). This can be at the conference facility or nearby hotel.
- f. **Social/cultural program:** ICOTS has a half-day tour program (Wednesday from 13:00 to evening), so we need to know the potential to arrange a variety of tour options for most delegates and accompanying persons (say about 500 persons) to several local attractions of varying types. Some could be shorter (2-4 hours) or even by foot, some longer (4-7 hours), with varying costs accordingly. Also, if possible, it would be good to have some options for other days for the 40-50 accompanying persons that are expected.
- g. **Support personnel.** There will be a need for people to help with registration, directing delegates, technical assistance, audiovisual support and other logistical details.

Local Organizing Committee (LOC)

- a. The LOC should consist of a group of people who will assume responsibility for carrying out the logistical details of organizing the conference. IASE works with the LOC on the conference website, registration and payments, advertising, etc. IASE appoints the International Program Committee (IPC) that takes care of the scientific program, selection of papers, refereeing, and proceedings. At least one seat on the IPC will be for a member of the LOC to maintain the connection between the two groups.

The LOC works closely with the IPC on logistical matters such as scheduling and on some program-related matters such as sponsors and exhibitor workshops.

- b. **Budget and logistics:** A budget template will be provided by IASE along with an explanation of what each category includes. In addition, the LOC typically oversees sponsors and exhibitors (using IASE guidelines), materials and bags for delegates, and other details.
- c. **Activities for local educators (could be in local official language such as in Spanish in ICOTS 11).** IASE encourages the LOC to organize several activities geared for local educators at School and University levels and aiming to help local capacity-building - e.g., special workshops for teachers and maybe even several scientific sessions in local language to accommodate persons who do not speak English.
- d. **Pre-conference workshops.** The LOC organizes about 6-7 pre-conference workshops - check the websites for earlier ICOTS.

64th World Statistics Congress

The Chair of the Scientific Programme Committee (SPC), Mark Podolskij, invites the statistical community to prepare proposals for the Invited Paper Sessions (IPS) programme.

The 64th WSC 2023, to be held 16–20 July in Ottawa, Canada, will highlight the developments and contributions of statistics, statistical science, and data science in all aspects of life, particularly the well-being and welfare of people. The WSC 2023 will host talks and presentations on a wide variety of topics, with the overall goal of presenting a balanced programme that provides a sense of the current state and future direction of statistics and their applications.

Read the [full announcement](#) on the WSC 2023 website, as well as the [Guidelines for Session Organisers, Chairs, Presenters and Discussants](#).

General enquiries about the Scientific Programme should be directed to scientific@isi2023.org.

IASE online workshops and webinars for future or past IASE webinars can be found at <https://iase-web.org/Webinars.php>.

The International Association for Statistical Education (IASE <https://iase-web.org/>) presents our April webinar. Michal Dvir, Technion Israel Institute of Technology is presenting, and we welcome you all to join us. We also ask you to share this invitation with high school statistics teachers and other statistics education networks in your country. We welcome IASE and non-IASE members to the session.

Details about the webinar are below and on our webinar page <https://iase-web.org/Webinars.php>.

Raising statistical modeling' accessibility to young learners

11 April 2022; 18:00 UTC (see below for localized date/time)

Webinar duration: 60 minutes

Presenter: Michal Dvir - Israel

Register here <https://forms.gle/79q7XxQMGFupZ6v3A>

Current and recent global events have reified the importance of empowering the public with data literacy skills, as well as the appreciation of variation, its multiple sources, and of the uncertainty that is omnipresent in our everyday lives. This calls to introduce novices to the culture of statistics – including the dispositions and critical ways of thinking that characterize this culture. Many have suggested that engaging in authentic data and statistical practices can serve as gateways to this disciplinary culture. However, it is unclear what actual procedures and techniques the learners of today would actually need as the citizens of tomorrow, because of frequent innovations in the Data Sciences. Furthermore, data and statistical practices are often inaccessible due to the complex mathematics (and probability) they require. The latter is particularly true for young (elementary school) students. Successfully raising the accessibility of some of the formal practices to young students can greatly inform how to similarly raise the accessibility of the practice to other novices.

This virtual seminar will focus on a core statistical practice, statistical modeling, whose pedagogical potential has been the subject of increased interest in statistics education research. Inspired by how the informal adaptation of the practice of formulating a statistical inference (Informal Statistical Inference, ISI) has raised its accessibility, we suggest a corollary: the practice of constructing, evaluating and refining Informal Statistical Models (ISMs). As a proof of concept, we will also examine together several examples of how young learners can construct and reason with ISMs, as they engage in a unique activity sequence. We will then discuss the potential generalizability of these examples, and how they can inform future research, teaching and curriculum design, that will further raise the accessibility of statistical modeling.

Bio

Dr. Michal Dvir is a postdoctoral fellow in the Education in Science and Technology Faculty at the Technion Israel Institute of Technology, under the guidance of Dr. Dina Tsybulsky. Her PhD dissertation focused on young students' reasoning with Informal Statistical Models and modeling, under the supervision of Prof. Dani Ben-Zvi, in the Mathematics Education Department at the University of Haifa. Her background is in abstract mathematics. Her thesis on young learners' statistical reasoning received the University of Haifa Rector award. Based on her achievements in her doctorate research, she was part of the prestigious Azrieli Fellowship Program promoting academic excellence and leadership.

Starting at:

11 Apr, 10:00 am	Anchorage
11 Apr, 11:00 am	Los Angeles
11 Apr, 12:00 pm	Denver
11 Apr, 1:00 pm	Chicago, Mexico City
11 Apr, 2:00 pm	New York, Bogota
11 Apr, 3:00 pm	Halifax, Manaus

11 Apr, 3:00 pm Buenos Aires, Rio de Janeiro
11 Apr, 7:00 pm London, Lisbon
11 Apr, 8:00 pm Paris, Rome, Lagos
11 Apr, 9:00 pm Tallinn, Jerusalem, Ukraine, Harare
11 Apr, 9:00 pm Istanbul
11 Apr, 9:00 pm Moscow, Nairobi, Riyadh
11 Apr, 10:30 pm Tehran
11 Apr, 10:30 pm Kabul
12 Apr, 12:00 am Dhaka
12 Apr, 2:00 am Perth, Beijing
12 Apr, 4:00 am Brisbane
12 Apr, 3:30 am Adelaide
12 Apr, 4:00 am Sydney
12 Apr, 6:00 am Auckland

Register here <https://forms.gle/79q7XxQMGFupZ6v3A>

IASE Discussion Forum for collaboration and communication Have you logged into IASE online forum yet? If not, here is the link for registering for the forum <https://iase-web.org/forum/index.php?action=register> and more information at <https://docs.google.com/document/d/1gBRs7Iaouf9jOgUObwYevFJ0YTnV9H8Ci40zTxi78/edit>

The 17th Conference of the International Federation of Classification Societies (IFCS) will take place in Porto, Portugal, on 19-23 July 2022 (<https://ifcs2022.fep.up.pt/>) under the theme “*Classification and Data Science in the Digital Age*”. The IFCS2022 is a joint organization of the Portuguese Association for Classification and Data Analysis, CLAD, and the Faculty of Economics of the University of Porto, FEP-UP. The conference will feature keynote speakers, invited and contributed sessions, and organized streams on specific topics. Preceding the conference itself, tutorials on up-to-date fields will be organized on 19 July.

Founded in 1985, the IFCS is a federation of national, regional, and linguistically-based classification societies. It is a non-profit, non-political scientific organization, whose aims are to further classification research. Amongst other activities, the IFCS organises a biennial conference, publishes a newsletter, and supports the Journal of Classification (JoC) and the journal Advances in Data Analysis and Classification (ADAC).

IASE is represented by Vice President Sibel Kazak. Also our former Vice President Pedro Campos is a member of the Local Organising Committee. Within the IFCS2022, the IASE is organizing a session on “**Data Science Education**”. We are looking for submissions that fit the theme “**Classification and Data Science in the Digital Age**” and address the following topics: teaching and learning data science in different contexts, including statistics courses at all education levels from primary to tertiary, training of teachers/instructors implementing aspects of data science at school/tertiary levels, and collaborations with other disciplines (i.e., computer science, mathematics etc.) and application areas (i.e., government, industry etc.).

- **Full Papers due by January 25, 2022:** The submission requires a manuscript between 6–8 pages long, references included. Accepted papers will be considered for the IFCS 2022 Pre-conference Proceedings in the Springer Series and for the Post-conference Special Issues.
- **Single abstracts due by April 15, 2022:** The submission requires a one-page abstract, including possible references. Accepted abstracts will be included in the Abstracts book.

Visit the conference website (<https://ifcs2022.fep.up.pt/>) for more information about the submission guidelines and important dates. Questions about submissions for the IASE session on Data Science Education can be sent to Sibel Kazak, skazak@pau.edu.tr.

ISI Online Courses 2022

The ISI is currently holding its second edition of the Online Course Programme, organized in cooperation with the ISI Associations. The programme covers various areas of statistics and data science; an overview of the upcoming courses is given below.

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 \(isi-web.org\)](#). We have kept the fees as low as possible and offer discounted rates for students and participants from developing countries.

We look forward to your participation!
Ada van Krimpen
ISI Director

14 April

[Fraud Analytics](#)

Instructor: Dr. Tahir Ekin

20 April

[Bootstrap Methods and Permutation Tests](#)

Instructor: Tim Hesterberg

21 April

[An Introductory Course in Competing Risks](#)

Instructor: Jacobo de Uña-Álvarez

25 April

[Large-Scale Spatial Data Science](#)

Instructors: Prof. Marc Genton, Dr. Sameh Abdulah, Dr. Faten S. Alamri
