IASE News January 2022

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

I hope that you were able to relax and enjoy sometime with your loved ones during the break and kept away from Corona virus. With Omicron roaming the world, we had our share of many COVID cases in Australia, especially in the state I am in. We should all be positive about the future but not COVID positive. Keep safe and healthy.

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/1gBRs7Iaoouf9jOgUObwYevFJ0YTnV9H8Ci40zTxi7_8/edit

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

_____

SERJ SPECIAL ISSUE: STATISTICS EDUCATION RESEARCH FROM A LATIN AMERICAN PERSPECTIVE is published with three languages English, Spanish and Portuguese see at https://iase-web.org/ojs/SERJ

_____

ICOTS 11 News

Do not forget to submit an abstract before it is too late (see important dates at https://icots.info/11/?dates). Joachim and Bruno visited Rosaria and had meeting with various key stakeholder of ICOTS 11. Enjoy reading Joachim's travel reflections on Rosaria.

The Past-President Joachim Engel's visit to South America

While many of us are concerned about the new wave of pandemics due to the omicron mutant and its ramifications, many of us are increasingly practicing distance lecturing across borders and even continents.

On invitation by Felipe Ruz from the Pontificia Universidad Catolica de Valparaiso in Chile (we still can congratulate Felipe to his new position in his native Chile after receiving his PhD from Granada!) Joachim Engel gave an online lecture entitled "Fortaleciendo el empoderamiento social y la democratización a través de la enseñanza de la estadística" [Strengthening social empowerment and democratization through the teaching of statistics]. The talk was attended by 32 participants.

There is a keen interest in many South American countries in teaching statistics to help people better understand socio-economic and environmental problems in their societies. We highlight, therefore, the current challenge for IASE to strengthen ties with members of our community throughout the world.

Joachim recently returned from a visit to Argentina to prepare ICOTS11, see his report on IASE Discussion forum at https://iase-web.org/forum/

and see his pictures at https://www.youtube.com/watch?v=Nj80JxW61Do

---

ISLP Newsletter: Newsletter of the International Statistical Literacy Project 2 (12) December 2021 is available at https://iase-web.org/islp/Publications.php. It includes short news from the IASE president, the IASE 2021 Satellite Conference Chair, ICOTS 11 local organizing committee chair, ISLP new advisory board member and from ISLP country coordinators. Some news is written in Spanish or Portuguese along with their English versions. Enjoy reading it.

COMMUNITY NEWS

The 17th conference of the International Federation of Classification Societies 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*". IFCS 2022 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 note that our previous Vice President Pedro Campos is a member of Local Organising Committee. Within the IFCS2022, the IASE is organizing a session on "**Data Science Education**". We are looking for submissions in the form of full papers and single abstracts 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 15, 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 March 31, 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.

Statistical Education in Southern Brazil written by Mauren Porciuncula
The actions of the Statistical Multimedia Literacy Program - LeME (www.leme.furg.br), IASE Best Cooperative Award 2019, do not stop (http://iase-web.org/islp/Competitions.php?p=Best_Cooperative_Project_2019)! Developed since 2012 at the Centro de Convívio dos Meninos do Mar - CCMar, a center for pre-professional courses, LeME is there to promote the Statistical Literacy of 300 young people in social vulnerability, aged between 14 and 17, per year.

The methodology of this Program is registered at the Banco de Tecnologias Social, of Fundação Banco do Brasil - FBB, with a Social Educational Technology - https://transforma.fbb.org.br/tecnologia-social/leme-letramento-multimidia-estatistico

Since 2019, this Project, which received the Award, was also approved by the Carlos Chagas Foundation - FCC, as an extension and research, and is, from 2019 to 2022, being implemented in public schools on the south coast of Brazil, in Rio Grande - RS, being a national case, by the FCC, for the mitigation of school dropout and failure, as well as the promotion of youth protagonism, through interdisciplinarity and Statistical Learning Projects.

Furthermore, from 2021 to 2023, LeME will be developed at CCMar, with the support of the Banco do Brasil Foundation - FBB, as an adaptation of TS LeME, within the scope of the LeME Transforma Project, an action that promotes Statistical Literacy generating income and encouraging new professional occupations (https://fbb.org.br/en/parcerias/conteudo/desafio-transforma-confira-os-10-finalistas).

In parallel to these Statistical Literacy actions, to multiply them, the Collaborative Teacher Training Project - MoSaico Edu was created, a collaborative teacher training group - www.mosaico.furg.br which trains teachers, continuously, in a way collaborative, to exchange experiences in Statistical Education and promote Statistical Literacy of students. The InterNational Interdisciplinary Research Group in Statistical Education - GIIPEE, led by Mauren Porciúncula, with collaborating postgraduate and undergraduate students, among other partner researchers, also has instagram @ateliefurg, where materials and lives on Statistical Education are disseminated.
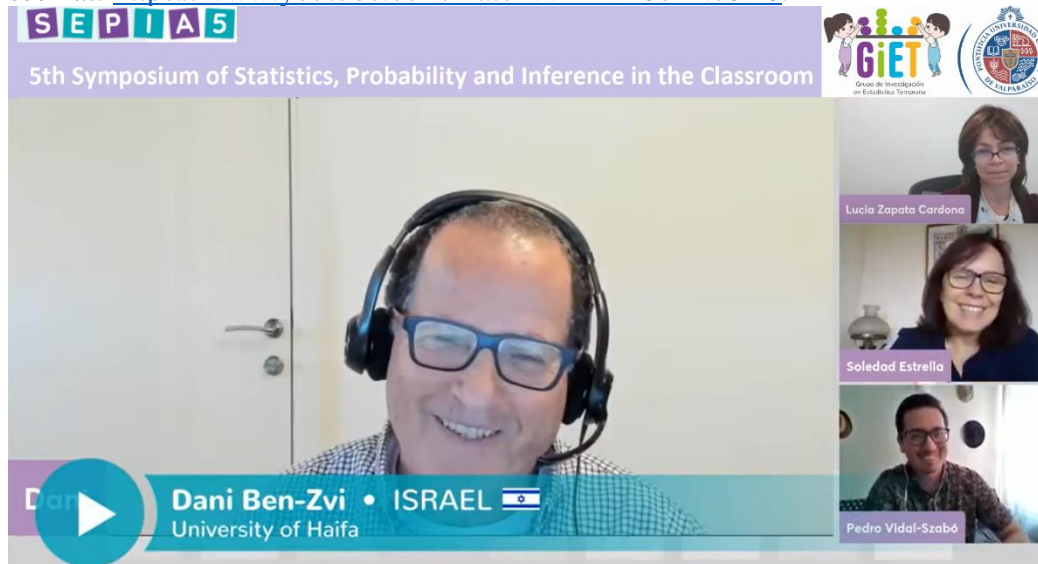More information can be found on the website: www.labest.furg.br

Temas emergentes em letramento estatístico (Emerging themes in statistical literacy)
(2021), (Eds. Carlos Eduardo, Ferreira Monteiro, Liliane Maria Teixeira, Lima de Carvalho).

This eBook addresses statistical literacy which must be developed, above all, in the sociocultural contexts in which we live, with the production and increasing and faster dissemination of statistical data, but also of misinformation and data manipulation.

The book is organized into three parts, consists of 20 chapters, with 25 authors involved. Part 1 is entitled "Reflections on emerging themes in statistical literacy" and comprises five chapters proposed by guest researchers. Part 2, "Sociocultural aspects in statistical literacy", presents six chapters. Finally, part 3, "Contemporary themes in the education of teachers who teach statistics", includes nine chapters.

You can download the book or read it freely on https://iase-web.org/Books.php IASE Books webpage.

_____

The Fifth International Symposium on Statistical Education, Probability and Inference in the Classroom (SEPIA5) gathered together statistics teachers and educators to contribute to the construction of a necessary and emerging community of statistics education in Latin America. More than 400 participants from various countries such as Argentina, Brazil, Cuba, Peru, Bolivia, Colombia, Uruguay, Honduras, Costa Rica, Panama, Ecuador, Venezuela, Guatemala, Mexico, El Salvador, Portugal and Spain participated in the vibrant Symposium. Recording of all the Symposium can be seen at: https://www.youtube.com/watch?v=DN18o1Ne8H8.

The online event was organized in Chile by the Early Statistics Research Group (GIET) of the Mathematics Institute of the Pontificia Universidad Católica de Valparaíso (PUCV) and was sponsored by the International Association for Statistical Education (IASE), the Chilean Society of Mathematical Education, the Chilean Statistics Society, and the Lesson Study Group, GEC-PUCV.

Outstanding researchers in the study of teaching statistics were part of the program. "Nurturing the Development of Young Students' Reasoning with Statistical Models and Modeling" by Prof. Dani Ben-Zvi of the University of Haifa (Israel); "Statistical modeling to support early statistical reasoning" by Dr. Lucía Zapata from the University of Antioquia (Colombia); "Is it possible to develop informal inferential reasoning from Pre-K to Grade 3?: A Lesson Study in Chile" by Dr. Soledad Estrella from PUCV (Chile); and a discussion panel. "Challenges in learning and teaching informal inference", moderated by Dr. Hugo Alvarado, from the Universidad Católica de la Santísima Concepción (Chile), and included Dr. Liliana Tauber, Universidad Nacional del Litoral (Argentina), Dr. Lucía Zapata and Dr. Soledad Estrella.

Soledad Estrella
Instituto de Matemática • Facultad de Ciencias •Pontificia Universidad Católica de Valparaíso • Chile
Grupo de Investigación en Estadística Temprana, GIET - Grupo de Estudio de Clases, GEC
(+56) 32 2274065 / Sitio Web
_____

PISTAR Workshop on Data Mining

In today's data-driven era, the importance of equipping ourselves with basic knowledge of modern methodologies of Data Science is self-evident.
I am optimistic that many of our colleagues and students will avail this excellent opportunity.

RESOURCE PERSON

DR. PEDRO CAMPOS

Pedro Campos holds a PhD in Business and Management Studies (FEP, University of Porto, 2008), a degree (PACCP) in Statistical Demography and Sampling Theory (FEP, University of Porto, 1997); and a bachelor degree in Applied Mathematics and Statistics, Portucalense University (1990). He is assistant professor at the University of Porto, Faculty of Economics and currently Director of the Methodology Unit at Statistics Portugal. He is also Deputy-Director of the International Statistical Literacy Project, and former Vice-President of IASE – the International Association for Statistical Education. Pedro is a researcher at LIAAD, the Laboratory of Artificial Intelligence and Decision Support of INESC TEC, where he coordinates the research line of Modeling and Optimization; He is also the Director of the Post Graduate Course in Business Intelligence and Analytics at Porto Business School (PBS). Pedro published more than 30 papers in peer-review journals and supervised more than 50 students in their Master and PhD thesis. His main fields of research are Data Science, Agent-Based Modeling, and Network Science.

IMPORTANT DATES

¨ *Workshop No. 1: The Data Preparation step*
Sunday, January 16, 2022 from 3:00 to 6:00 pm PKT

♦ *Workshop No. 2: Modelling and evaluation*
Sunday, January 30, 2022 from 3:00 to 6:00 pm PKT

¨ *Workshop No. 3: Network Mining*
Sunday, February 20, 2022 from 3:00 to 6:00 pm PKT

For information and registration, please contact Dr. Syed Wasim Abbas (+92 333 6550630) or Mr. Muhammad Iftikhar (+92 333 4314748).