

IASC News February 2020

Forthcoming Event: The III International School on Classification and Data Analysis

The III International School on Classification and Data Analysis, on **ROBUST STATISTICS: FOUNDATIONS and RECENT DEVELOPMENTS** will take place on the enchanting shores of Lake Como, Italy, on May 4-8, 2020.

It is intended for Ph.D. Students, M.S. Students, Post-Docs, Young and Junior researchers. Robust statistics is at the forefront of statistical research, and a central topic in multidisciplinary science where mathematical ideas are used to model and understand the real world, without being affected by contamination that could occur in the data.

Nowadays, with the increasing availability of Big data, robust statistical methods are crucially needed.

The aim of this course is three-fold: present novel models to describe real-world phenomena, and their properties; study their behavior under different kinds of contamination; discuss their implementation through computational methods.

The lecturers are amongst the most influential scholars in the field:

- [Anthony Atkinson](#), London, School of Economics, UK
- [Agustin Mayo-Isacar](#), University of Valladolid, ES
- [Marco Riani](#), University of Parma, IT
- [Anna Maria Paganoni](#), Politecnico di Milano, IT

The school is organized by the [Classification and Data Analysis Group of the Italian Statistical Society](#) under the auspices of the [European Regional Section \(ERS\)](#) of the [International Association for Statistical Computing \(IASC\)](#).

Please note that the conference room allows only for a very limited number of participants (no more than 30). The registration deadline is March 4, 2020.

For more information, visit the School website: rsfd.lakecomoschool.org

Call for Papers: COMPSTAT 2020

The submission tool for COMPSTAT 2020 is now open at www.compstat2020.org.

The conference will take place in Bologna from August 25 to 28, 2020. Deadline for submissions is April 17, 2020.

As a satellite event of COMPSTAT 2020 the 1st CSDA & EcoSta Workshop on Statistical Data Science (SDS 2020) will take place at Bologna from August 28 to 30. It is associated with the new supplement of the journal Computational Statistics & Data Analysis, the Annals of Statistical Data Science (SDS). Further information on the satellite workshop and submission information can be found at www.compstat2020.org.

Forthcoming Event: The Data Science and Statistical Visualization Conference

The 2020 meeting of the Data Science and Statistical Visualization (DSSV) conference will take place in Durham, North Carolina on July 29-31. The plenary speakers are David Dunson, Bobby Gramacy, Cynthia Rudin and Ming Yuan. The conference is being co-sponsored by the Statistical and Mathematical Sciences Institute and by SAS, which has donated the conference banquet. More information on the conference can be found on the IASC website or at: www.samsi.info

Forthcoming Event: LACSC 2020 5th Latin American Conference on Statistical Computing



ITAM - Río Hondo 2012

The 5th Latin American Conference on Statistical Computing (LACSC 2020) will be held in Ciudad de México, México, from June 9 to June 11, 2020. This international conference is jointly organized by the Department of Statistics and the Department of Industrial & Operations Engineering of the Instituto Autónomo de México (ITAM), the Latin American Regional Section of the International Association for Statistical Computing (LARS-IASC) and the International Statistical Institute (ISI). The

theme of this year is “**Statistical Computing for Intelligent Decision Making**” and the **Keynote Speakers**,

- Wendy L. Martínez, Bureau of Labor Statistics, USA
- Daniel Russo, Columbia University, USA
- Enrique Sucar, Inst. Nacional de Astrofísica, Óptica y Electrónica, México
- Renato Assunção, Universidade Federal de Minas Gerais, Brazil
- Antonietta Mira, Università della Svizzera Italiana, Switzerland

LACSC 2020 invites to submit papers, contributed paper sessions and invited paper sessions before February 20, 2020. The call of papers and all the information is available at lacsc2020.itam.mx

The aim of LACSC is to foster the progress of the theory, methods and practice of statistical computing in Latin America, and to become the main meeting point of the statistical computing scientific community in LA. This year, the call of papers of the conference gives an account of

the interest of academics, scientists and professionals in methodological aspects of statistical computing and relevant applications for the Latin American community.



Zócalo (Plaza de la Constitución)



Aztec calendar in green ceramic

You cannot miss LACSC 2020! The Local Organizing Committee is also organizing an interesting social program. Mexico City is the capital of the United Mexican States (official name of the country). Originally this city was built on an islet where some natives found an eagle devouring a snake and was called Tenochtitlan. Chinampas for agriculture were built around it and became the capital of the Aztec Empire. With the arrival of the Spaniards in 1521, Mexico City fell under its dominance and became the center of the economic activity of the power of New Spain. Its outstanding colonial architecture earned it recognition as the City of Palaces. Currently, Mexico City stands in a valley surrounded by volcanoes, proud of its heritage, the product of the fusion of two cultures. It is the largest and most populous city in Latin America and one of the most dynamic capitals in the world; It has a large number of museums, theaters, concert halls, archaeological ruins, theme parks and recreational parks. Also, it offers a great gastronomic variety typical of all regions of Mexico and the world. Please see more information on the following links: www.visitmexico.com/en and www.lonelyplanet.com

Forthcoming Event: 3rd LARS-IASC School on Computational Statistics and Data Science



Instituto Tecnológico Autónomo de México (ITAM)

The **Third LARS-IASC School on Computational Statistics and Data Science** will be held in Ciudad de México, México, from June 7 to June 8, 2020. This is a satellite event of the 5th Latin American Conference on Statistical Computing, LACSC 2020, jointly organized by the Instituto Autónomo de México (ITAM), the Latin American Regional Section of the International Association for Statistical Computing (LARS-IASC) and the International Statistical Institute (ISI).

This year the school theme is **Stochastic Simulation and Reinforcement Learning** (lasc2020.itam.mx) and the **instructors**,

- Enrique Sucar, Inst. Nacional de Astrofísica, Óptica y Electrónica, México
 - “Probabilistic Graphical Models: Principles and Applications”
- David Muñoz-Negrón, Instituto Tecnológico de México (ITAM)
 - “Stochastic Simulation: Output Analysis and Applications”
- Eduardo F. Morales, Inst. Nacional de Astrofísica, Óptica y Electrónica, México
 - “Reinforcement Learning”

The main purpose of the school is to spread the knowledge base and advances in Statistical Computing in Latin American countries and to increase the quantity of researchers and data scientists in the field. The program is organized around three axes: knowledge base and advances, software and data science applications and it is oriented to postgraduate students, researchers and practitioners in statistics and data science. For LARS-IASC students, the IASC will provide (a) up to **10 scholarships** – 100% waiver in registration fee for people living in developing countries (low income countries data.worldbank.org and lower middle income countries data.worldbank.org); (b) 1 full scholarship that includes registration fee, travel, and stay expenses. To apply for these scholarships, the candidates must,

- Be a member of the International Association for Statistical Computing (IASC). More information on how to become a member can be found here: iasc-isi.org/become-a-member
- At the time of the application and of the events be living and working/studying in a developing country.



Palace of Fine Arts



Teotihuacan



Xochimilco

ITAM's mission is to contribute to the individual's comprehensive education and to develop a freer, more just, and prosperous society. In order to achieve its research, teaching, and outgrowth endeavors, ITAM aims to reach the highest levels of academic excellence in an environment promoting the plurality of ideas and respectful of ethnic, cultural, and religious differences. Our institution's goal is to prepare and educate women and men that are capable of acting in an informed, rational, responsible, critical way, and committed to creating, managing, and shaping public opinion, institutions, as well as further works. It also intends that these women and men be capable of creating and transmitting knowledge of the highest ethical, scientific, technological, and professional levels, allowing society to become aware of its problems and contributing to their understanding and solutions <https://www.itam.mx/en>