

IASC News May 2020

LACSC 2021 5th Latin American Conference on Statistical Computing



ITAM - Río Hondo 2012

The **5th Latin American Conference on Statistical Computing LACSC 2021** will be held in Ciudad de México, México, from **April 19 to April 21, 2021**. The conference was originally scheduled for 2020 but postponed to 2021 given the worldwide emergency by COVID-19, the location and program will remain the same. LACSC 2021 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** are:

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

LACSC 2021 invites to submit papers, contributed paper sessions and invited paper sessions before **January 11, 2021**. The call of papers and all the information is available at <http://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 2021! 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: <https://www.visitmexico.com/en/> and <https://www.lonelyplanet.com/mexico/mexico-city>

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 **April 17 to April 18, 2021**. This is a satellite event of the 5th Latin American Conference on Statistical Computing, LACSC 2021, 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** (<http://lacsc2020.itam.mx>) and the **instructors** are:

- 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 school was originally scheduled for 2020 but postponed to 2021 given the worldwide emergency by COVID-19, the location and program will remain the same. 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 <https://data.worldbank.org/income-level/low-income> and lower middle income countries <https://data.worldbank.org/income-level/lower-middle-income>); (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: <http://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>

Data Science, Statistics & Visualisation Conference (DSSV 2020)

Conference dates: July 29-31, 2020

Conference web site: <https://iasc-isi.org/dssv2020/>

Location: VIRTUAL

Due to Covid'19 outbreak developments, it has been decided that DSSV 2020 will be held as a virtual conference. All plenary speakers and most invited session speakers already agreed to give their presentations virtually. However, since the timing needs to be as convenient as possible for different audiences around the world, the conference will be more compact, with around 3-4 hours of presentations per day. This also makes it necessary that there will not be contributed session.

The registration fee will be drastically reduced, and all sessions will be made accessible virtually to registered participants. There will be possibilities for discussions, and the sessions may be recorded and made accessible.

We believe that this is a good solution in this situation, and we are looking forward to meeting you online during this event. Please, share with us this experience, which possibly is new to many of us.

Our web page will be updated with the new information within the next days.

Plenary speakers:

David Dunson, Duke University

David Gramacy, Virginia Polytechnic and State University

Cynthia Rudin, Duke University

Ming Yuan, Columbia University