

## IASC News February 2021

### 2021 COMPSTAT CONFERENCE IN BOLOGNA POSTPONED TO 23-26 August 2022

The 24th International Conference on Computational Statistics at the University of Bologna, Italy was rescheduled to 23-26 August 2022 (postponed initially from August 2020, and after from August 2021).

### 2022 COMPSTAT CONFERENCE IN LONDON POSTPONED TO 22-25 August 2023

The 25th International Conference on Computational Statistics, London, UK was rescheduled to 22-25 August 2023 (postponed from August 2022).

## Special Issue on COVID-19 Visualisation and Modeling



**Title:** *Special Issue on COVID-19 Visualisation and Modeling*

**Summary:** *Journal of Data Science, Statistics, and Visualization is accepting submissions for a special issue on the modeling and visualization of data about the spread of infectious diseases such as COVID-19.*

Call for papers for a special issue of the Journal of Data Science, Statistics, and Visualisation on the modeling and visualisation of data about the spread of infectious diseases such as COVID-19. While there is a wealth of data about COVID-19 infections, hospitalizations, and deaths available, meaningful modeling and insightful visualisations of such data is not trivial. For instance, almost all countries use different test strategies, and different rules to count COVID-19 related deaths which makes direct comparisons impossible. The journal welcomes papers with novel contributions on the modeling and/or visualisation of infectious disease data, providing insights in the spreading of the disease and the potential impact of safety measures. Papers with a thorough review and comparison of existing approaches with the potential to provide new insights are also welcome. The deadline for submission of special issue papers is April 30, 2021.

## Call of the Data Analysis Competition 2021

**Title:** *Call of the Data Analysis Competition 2021*

**Summary:** *The International Association for Statistical Computing (IASC) invites submissions for the Data Analysis Competition. The focus of the 2021 competition is the analysis of quality-of-life related data.*

The International Association for Statistical Computing (IASC) announces the **Data Analysis Competition 2021**.

IASC is an Association of the International Statistical Institute (ISI) whose objectives are to promote the theory, methods, and practice of statistical computing and to foster interest and knowledge in effective and efficient statistical computing through international contacts among researchers and professionals in statistics, computer science, and related areas at universities, organizations, institutions, governments, and the general public in different countries of the world, to convert data into information and knowledge.

For the 2021 Data Competition, winners will be invited to present their work at the **Data Science, Statistics, and Visualisation Conference (DSSV-2021)** to be held at **Erasmus University, Rotterdam (July 7-9, 2021)** or at some other event organized by IASC (see <https://iasc-isi.org/events-all/>), depending on the current COVID-19 situation. The winners will also be invited to submit a manuscript for possible publication (following peer review) to IASC's **Journal of Data Science, Statistics, and Visualisation** (see <https://jdssv.org>). In addition, IASC will sponsor participation at the virtual **63rd ISI World Statistics Congress (July 12-16, 2021)** and **one year IASC membership** to all authors of submissions selected by the Committee on Data Analysis Competition; see <https://iasc-isi.org/become-a-member/> for an overview of IASC membership benefits.

The theme of the 2021 competition is around the **analysis of quality-of-life related data** and the submission should clearly describe the significance of your findings either for individuals or for the society. The primary data set may come from one or more databases but connecting information from different databases may help to obtain interesting and original conclusions.

There are currently many sources related to the spread of COVID-19, allowing to investigate topics like social inequalities in post-COVID-19 world or to compare effects of governments' actions, but we encourage you to investigate also any other quality-of-life related issues (health, education, environment, social inequalities, etc.)

In your analysis, you may concentrate on individuals, a single region (e.g., your own country), a continent or even the entire world.

**Your entry must be submitted as a poster in PDF format** and you must clearly specify the source of your data, i.e., by listing the relevant URLs and the steps required to obtain the data.

The competition is open to everyone who is interested in presenting their poster at **WSC 2021**. You are allowed to work individually or in a small group of up to five participants on your poster. Posters will be judged according to these criteria:

1. Appropriateness of analysis.
2. Novelty of approaches used in the analysis.
3. Clarity of objectives, approaches, data management, displays, and results.
4. Significance of findings.
5. Generalizability of approaches to data sets in other areas.
6. Overall quality of poster.

Not all posters are expected to meet all criteria to the same degree. Your poster may contain links to databases, computer programs, animations, and other external sources and it may (but need not) be accompanied by a short description (maximum five pages). All materials must be submitted in PDF format.

Updates and results of previous editions of the Data Analysis Competition may be found at <https://iasc-isi.org/data-analysis-competition/>

In addition to the previously announced travel awards and IASC memberships (among others) for the winners, additional book prizes will be offered by Springer. More specifically, Springer supports the competition by donating a book prize to the winners and an e-book prize for the best contribution from a developing country.

#### **DEADLINE FOR SUBMISSION:**

Final submissions (PDF) are due on **30-th April 2021**.

Submit to: [dac.iasc@email.cz](mailto:dac.iasc@email.cz)

#### **FURTHER INFORMATION:**

For all inquiries contact: Associate Professor Zdenek Hlavka: [dac.iasc@email.cz](mailto:dac.iasc@email.cz)

## Forthcoming Event: IASC-LARS Webinar on Geostatistical Functional Data Analysis

**Title:** *IASC -LARS Webinar on Geostatistical Functional Data Analysis*

**Summary:** *The Latin American Regional Section of the IASC invites postgraduate and undergraduate students to attend the Webinar Course “Geostatistical Functional Data Analysis”, February 23-25.*



### IASC- LARS SCHOOL ON COMPUTATIONAL STATISTICS AND DATA SCIENCE

The Webinar “**Geostatistical Functional Data Analysis**” will be held virtually from **February 23-25, 2021**. The course will be team-taught by Professors Martha Bohorquez and Ruben Guevara, and the Statistician Juan Guevara from Universidad Nacional de Colombia, Colombia. This is the second webinar jointly organized by the Latin American Regional Section of the IASC, the IASC-LARS School on Computational Statistics and Data Science, the IASC and the ISI. All information is available at <https://iasc-isi.org/>.

## Forthcoming Event: 5<sup>th</sup> Latin American Conference on Statistical Computing

**Title:** 5<sup>th</sup> Latin American Conference on Statistical Computing

**Summary:** The 5<sup>th</sup> Latin American Conference on Statistical Computing LACSC 2021 will be held fully online from April 19 to 21, 2021.



The 5<sup>th</sup> Latin American Conference on Statistical Computing LACSC 2021 will be held fully online via Whova April 19 to April 21, 2021. 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



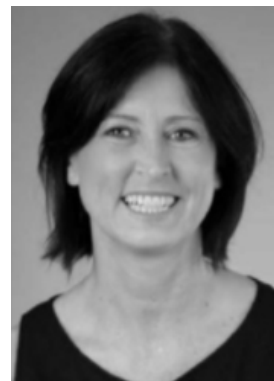
Daniel Russo, Columbia University, USA



Enrique Sucar, Inst. de Astrofísica, Óptica 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 **February 10, 2021**. The call of papers and all the information is available at <http://lacsc2021.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.

For IASC-LARS students, the IASC will provide (a) **10 (or more) scholarships** – 100% waiver in registration fee for people living in developing countries, (b) **5 (or more) scholarship** – 50% waiver in registration fee for people living in developing countries. Please, find the list of low income countries at <https://data.worldbank.org/income-level/low-income> and the list of lower middle income countries at <https://data.worldbank.org/income-level/lower-middle-income>). 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.

All participants are expected to adhere to the ISI Community Principles and Conduct Policy (<https://www.isi-web.org/index.php/about-isi/policies/community-conduct>).

Before to attend the conference, please visit the webpage <https://whova.com/resources/how-to-guide/user-tutorial/>. For more information, you can also visit the YouTube channel <https://www.youtube.com/channel/UCWO0ToUqApkJ0W6-PszihpQ>.

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

**Title:** 3<sup>rd</sup> IASC-LARS School on Computational Statistics and Data Science  
**Summary:** The Third IASC-LARS School on Computational Statistics and Data Science will be held fully online from April 17 to 18, 2021.



The **Third LARS-IASC School on Computational Statistics and Data Science** will be held fully online via Whova from **April 17 to April 18, 2021**. This is a satellite event of the 5<sup>th</sup> 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). The deadline for registration is **February 10, 2021**. This year the school theme is **Stochastic Simulation and Reinforcement Learning** (<http://lacsc2021.itam.mx>) and the instructors,



- Enrique Sucar, Instituto 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”

For IASC-LARS students, the IASC will provide (a) **10 (or more) scholarships** – 100% waiver in registration fee for people living in developing countries, (b) **5 (or more) scholarship** – 50% waiver in registration fee for people living in developing countries. Please, find the list of low income countries at <https://data.worldbank.org/income-level/low-income> and the list of lower middle income countries at <https://data.worldbank.org/income-level/lower-middle-income>). 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.