

Call for Papers

Current technological developments allow the collection of huge amounts of spatio-temporal data that are usually stored and afterwards analyzed to support the decision-making process. Analytical tools, ranging from statistical packages to sophisticated data mining algorithms, allow the analysis of such data sets. This workshop will address the analytical methodologies, strategies or techniques that allow the analysis of complex data, namely spatio-temporal data, and the suitable visualization mechanisms that ensure an effective integration of this type of data in the decision-making process in organizations.

This CFP is online at <http://www.lac.inpe.br/ST-Analytics/>

Topics of Interest

The workshop welcomes contributions in the area of analytics for spatio-temporal data, including:

- Algorithms for spatial and spatio-temporal data mining
- Analysis of spatio-temporal data and applications
- Visualization of spatio-temporal data and applications
- Spatio-temporal data warehousing and data management
- OLAP for spatial and spatio-temporal data sets
- Software, libraries and tools for spatio-temporal data representation, processing and understanding
- Citizen science for spatio-temporal data analysis

Important Deadlines

- **Paper submission: April 15th, 2018**
- **Notification of Acceptance: April 25th, 2018**
- **End of Early-bird Registration: May 6th, 2018**
- **Camera Ready Submission: May 6th, 2018**
- **ICCSA 2018 Conference: July 2nd-5th, 2018**

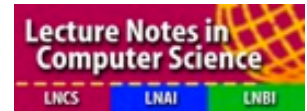
Submissions

To submit a paper, please connect to the Submission site from the link available at the ICCSA 2018 web site (www.iccsa.org). Only papers submitted through the electronic system and strictly adhering to the relevant format will be considered for reviewing and publication. The paper must deal with original and unpublished work, not submitted for publication elsewhere. All submissions will be reviewed by at least three experts in the relevant field. The submitted paper must be camera-ready, between 10 and 16 pages long and formatted according to the LNCS rules. Please consult the formatting information and templates. Please pay attention, when

submitting your contribution, to select the entry **Advances in Spatio-Temporal Analytics (ST-Analytics) 2018** in the listbox shown in the submission form.

Proceedings

Accepted and presented papers will be published as part of the conference proceedings by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) Series.



Committees

Organising Committee

- Rafael Santos, National Institute for Space Research, Brazil
- João Moura Pires, Universidade Nova de Lisboa, Portugal
- Karine Reis Ferreira, National Institute for Space Research, Brazil
- Maribel Yasmina Santos, Universidade do Minho, Portugal

Programme Committee (Confirmed)

- Ahmed Eldawy, University of California Riverside, USA
- Ana Paula Afonso, Universidade de Lisboa, Portugal
- Armanda Rodrigues, Universidade Nova de Lisboa, Portugal
- Bin Jiang, University of Gävle, Sweden
- Bruno Martins, University of Lisbon, Portugal
- Daniel Gonçalves, University of Lisbon, Portugal
- Dimitris Kotzinos, University of Cergy-Pontoise, France
- Marco Painho, Universidade Nova de Lisboa, Portugal
- Michael Page, Emory University, USA
- Miguel A. Manso Callejo, Universidad Politécnica de Madrid, Spain
- Nuno Datia, Instituto Politécnico de Lisboa
- Thales Sehn Körting, National Institute for Space Research, Brazil
- Toshihiro Osaragi, Tokyo Institute of Technology, Japan

Organization



Universidade do Minho



FACULDADE DE
CIÊNCIAS E TECNOLOGIA
UNIVERSIDADE NOVA DE LISBOA