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# ISSAT INTERNATIONAL CONFERENCE ON DATA SCIENCE AND INTELLIGENT SYSTEMS

AUGUST 1–3, 2019 • LAS VEGAS, NEVADA, U.S.A.

## CALL FOR PAPERS

### ORGANIZER AND SPONSOR

The International Society of Science and Applied Technologies (ISSAT)

### THEME

The 2019 ISSAT International Conference on Data Science and Intelligent Systems (ISSAT DSIS 2019) aims to provide a premier forum that brings together researchers, industry practitioners, as well as potential users of big data and advanced analytics, for discussion and exchange of ideas on the latest theoretical developments in Data Science and Intelligent Systems as well as on the best practices for a wide range of applications.

Papers may address any aspect of data science and intelligent systems. Papers dealing with industrial case studies, experimental and theoretical works on data science and intelligent systems along with their application to real life situations are of particular interest.

### TOPICS OF INTEREST

General areas and topics of interest include but are not limited to:

#### DATA SCIENCE

- Big Data modeling and prediction
- Data analytics and machine learning
- Statistical learning algorithms, models and theories
- Machine learning theories, models and systems
- Data mining, text mining and deep machine learning
- Data pre-processing and sampling
- Feature selection and development
- Large scale optimization
- High performance computing for data analytics
- Architecture and management for data science
- Web and social text mining
- Cloud computing and service data analysis
- Efficient management of data acquisition
- Intelligent analysis of large spatial data

#### APPLICATIONS

- Large scale application case studies in intelligent systems
- Best practices and lessons learned on developing products in complex systems
- Challenges in data science and advanced analytics
- Data science and intelligent systems for real world applications

### TUTORIALS

An abstract of 500 words should state the objective, target audience, brief bio-sketch about the presenter(s) and A/V requirements. Indicate whether proposed tutorial is for a half-day or full-day. Please submit abstract by February 15, 2019 to [dsis@issatconferences.org](mailto:dsis@issatconferences.org).

### SUBMISSION OF PAPERS / EXTENDED ABSTRACTS

Authors are invited to submit Full Papers or Extended Abstracts by February 15, 2019. Submissions should be made electronically through the EasyChair system. The submission web page for DSIS 2019 is <https://easychair.org/conferences/?conf=issatdsis2019>. Papers/Extended Abstracts must be original and have not been submitted elsewhere. All submission will be reviewed for merit and contents. Accepted papers will be published in the conference proceedings provided at least one of the authors will register and present the paper. All rights of publication of papers presented in the conference shall rest with the Conference Organizers..

### BEST PAPER AWARDS / JOURNAL PUBLICATIONS

Two outstanding papers presented at the conference will be chosen for the Conference Best Paper and Best Student Paper Awards. Student must be first author and presenter at the conference to quality.

Accepted and registered papers will be published in the DSIS Conference Proceedings and will be submitted for indexing in Elsevier Scopus and Compendex index products and Google Scholar.

Outstanding papers will be considered for publication in special issues of the International Journal of Reliability, Quality and Safety Engineering (IJRQSE) and the Annals of Operations Research and an edited book by Springer. Authors of selected papers will be notified and provided with more details.

Contact: [dsis@issatconferences.org](mailto:dsis@issatconferences.org)

For more information, please visit us at <https://www.issatconferences.org/dsis2019.html>