



CALL FOR PAPERS

ORGANIZER AND SPONSOR

The International Society of Science and Applied Technologies (ISSAT)

THEME

Second ISSAT International Conference on Data Science and Intelligent Systems (DSIS 2020) 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

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

INTELLIGENT SYSTEMS

- Intelligent service systems and semantic computing
- Uncertainty modeling of intelligent systems
- Smart infrastructure design
- Intelligent robots and unmanned systems
- Cyber security, privacy and trust
- Intelligent vehicles and autonomous cars
- Smart industrial automation and manufacturing
- Automated data exploration and knowledge discovery
- Dependability and reliability of intelligent systems
- Human wearable sensors and technologies
- Intelligent safety systems and risk management
- Smart healthcare and energy power systems
- Human-artificial systems integration
- Intelligent pervasive and ubiquitous computing

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

SUBMISSION OF PAPERS

Authors are invited to submit full manuscripts by February 15, 2020. Please visit our website for more information.

Papers must be original and have not been published or submitted for publication elsewhere. All submitted papers 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.

BEST PAPER AWARDS / INDEXING / 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. Accepted and registered papers will be submitted for indexing in Google Scholar. Outstanding papers will be considered for publication in special issues of several International Journals and an edited book by Springer. Authors of selected papers will be notified and provided with more details.

IMPORTANT DATES

Full Paper Submission Deadline	February 15, 2020
Notification of Acceptance/Rejection	March 31, 2020
Camera Ready Papers Due	May 15, 2020

For more information, please visit our website at www.issatconferences.org

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