



International Conference

on

Sustainable Computing in Science, Technology & Management (SUSCOM-2019)

February 26 - 28, 2019 | Amity University Rajasthan, Jaipur, India

System Modelling Engineering and Data Science

Dr. Madhu Sharma, St. Xavier's College, Jaipur, India
madhusharma@stxaviersjaipur.org

Aims & Scope:

Modeling and Simulation plays a significant role in the development of all software as well as the hardware systems, whether it is a small system or a complex system. The technique has already earmarked its vital role in the field of research and experiments, development of complicated phenomena and processes in all scientific and engineering systems, with saluting results. In current scenario, the fast growing technological world is entering into the epoch of big data, and the prerequisite to handle such big amount of data includes the exploration of data science and hence building up of the data storage models, data security models, data product engineering etc. Further, data Science adds value to the business world also. System modeling, Engineering and Simulation of complex systems have a significant correlation with the data science, cybernetics and automation and hence artificial intelligence. Development and advances in modeling and simulation, contributes to the understanding of different complex Engineering and Intelligent systems.

The goal of this special session is to provide an international forum and refereed authoritative source of information on the development and advances in System Modeling, System Engineering and Data Science. The second aim is to explore the opportunities, referrals, derivatives of the technologies and their implementation in the other scientific areas of concern. The technological constraints and their solutions with their evaluation are also proposed.

Subtopics:

- System Simulation and Modeling
- Software Engineering
- Cybernetics and Automation
- Systems Process Modeling
- Mathematical Modeling
- Theoretical Computing Framework
- Model-based systems engineering
- Program and Project Management Engineering
- Simulation in Gaming
- Simulation in Industries
- Control Engineering
- Data Science and Modeling
- Data Product Engineering
- Security Modeling and Engineering

- Artificial Intelligence
- Machine Learning
- Nano Computing and Engineering

Technical Programme Committee(s):

- Prof. Durgesh Kumar Mishra, Sri Aurobindo Institute of Technology, Indore, MP.
- Prof. Vijay Singh Rathore, JECRC, Jaipur, Rajasthan.
- Dr. O. P. Rishi, University of Kota, Kota, Rajasthan.
- Dr. Manoj Kumar Sharma, Manipal University, Jaipur, Rajasthan.
- Dr. Jatinder Manhas, University of Jammu, Jammu & Kashmir.
- Dr. Balram Tripathi, S.S. Jain Subodh PG (Auto.) College, Jaipur, Rajasthan.
- Dr. Anubha Jain, IIS University, Jaipur, Rajasthan.
- Dr. Dharmveer Yadav, St. Xaviers College, Jaipur, Rajasthan.
- Mr. Vaibhav Bhatnagar, S.S. Jain Subodh PG (Auto.) College, Jaipur, Rajasthan.

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

<https://easychair.org/conferences/?conf=suscom2019>.

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:

All registered and presented papers will be published in the **ELSEVIER-SSRN Digital Library** at <https://hq.ssrn.com/conference=SUSCOM-2019>. Extended versions of selected papers will be considered for the special issue of journals indexed in ESCI, Scopus, SCIE, DBLP, Web of Science, ACM, Compendex, INSPEC, Thomson Reuters, Cabell's Directories to name a few.

All inquiries should be directed to the attention of Session Chair.

Name: Dr. Madhu Sharma

Designation: Assistant Professor

Email Id: madhusharma@stxaviersjaipur.org

Contact Number: +91-07737766066