

# CALL FOR PAPERS

Special Session on

## Modelling & Simulation for Intelligent Engineering (MSIE)

### Session Chair

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### Theme of the Session:

This session deals with the topics that use **Computer Science** to simulate and study complex systems. Modeling and simulation using computer science had its innumerable applications some of which include

**Weather forecasting** models and makes predictions based on numerous atmospheric factors. **Flight simulation** uses complex equations that govern how aircraft fly and react to factors such as turbulence, air density, and precipitation. Simulators are used to train pilots, design aircraft, and study how aircraft are affected as conditions change. **Earthquake** simulations aim to save lives, buildings, and infrastructure. Computational models predict how the composition and motion of structures interact with the underlying surfaces to affect what happens during an earthquake. Modeling improves **Medical care and Research** tracking infectious diseases, Clinical decision support, Predicting drug side effects. Modeling and simulation (M&S) are also used for the study of the performance of Computer Networks.

Considering all the applications of Computer Science, this session provides a common platform to experts, researchers, scholars and all participants to share their knowledge.

### Topics of Interest:

We invite original (un-published) research contributions based on the above-mentioned theme including following topics but not limited to:

- Big Data Analysis
- Internet of Things
- Data Clustering & Optimization
- Artificial Neural Networks
- Agricultural Data Analysis
- Business Intelligence

- Expert System.
- Computational Neuroscience
- Signal, Image and Video processing
- Text Mining
- Ontology
- Sentiment Analysis and Opinion Mining
- Cloud Computing
- Information Science & Security
- Knowledge Discovery and Data Mining
- Evolutionary Computing
- Business Strategies
- Fuzzy Systems
- Genetic Algorithms
- Deep Learning
- Swarm Intelligence
- Artificial Intelligence & Robotics
- Cognitive Intelligence
- Block chain Technologies
- Financial Security and Services
- Computer Networks

## **Important Dates**

Last date for paper submission

**01, July 2021**

Last date for acceptance

**15, July 2021**

Registration commencing

**01, July 2021**

Registration deadline

**01, August 2021**

Camera ready paper submission

**05, August 2021**

Release of conference schedule

**07, September 2021**

Conference dates

**15 – 16, September 2021**

## Registration Details

REGISTRATION FEE				
	Early Registration		Late Registration	
	Indian (Rs.)	Foreigners (USD)	Indian	Foreigners
<b>Research Scholars/Academicians</b>	6500	150	7500	200
<b>Industrial Officials</b>	7500	250	8500	300

## Paper Submission Process:

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity. Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings. Kindly ensure that your paper is formatted as per Author Guidelines <https://publishingsupport.iopscience.iop.org/author-guidelines-for-conference-proceedings/>

Authors are requested to submit their full length papers online using the following web link:

<https://easychair.org/my/conference?conf=amse2021>