INTERNATIONAL SYMPOSIUM ON SYSTEMS MODELLING AND SIMULATION 2024

Malaysian Simulation SOCIETY

3-4 DEC 2024

SMS 2024

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VIRTUAL SYMPOSIUM

Call For Paper

International Symposium on Systems Modelling and Simulation (SMS 2024) is hosted by the Malaysian Simulation Society (MSS). The symposium aims to provide researchers and postgraduate students with opportunity to share their scientific, engineering and technological research findings, which covers applications of Modelling and Simulation in various fields, including Engineering and Technology, sciences, and Computer Science.

The Malaysian Simulation Society (MSS) is a learned society established since 2017 which aims to enhance the teaching and research of modelling and simulation in various fields. MSS is also affiliated in the Federation of Asian Simulation (ASIASIM) together with several simulation societies in Asian (Japan, China, South Korea, Singapore and Malaysia).

SMS 2024 provides an international platform for researchers, academicians, and postgraduate students to present their scientific, engineering and technological research findings for the advancement of modelling and simulation in various fields, including Engineering and Technology, Sciences and Computer Science. Topics within the scope of the symposium will include, but are not limited to:

- Agent-Based Simulation
- Artificial Intelligence (AI) and Machine Learning
- Augmented, Virtual and Extended Reality (AR, VR, XR)
- Big Data and Analytics
- Cloud Simulation
- Computational Fluid Dynamic
- Control System Algorithm
- Cyber-Physical Systems (CPS)
- Digital Twin

- Distributed, Parallel and real-time simulation
- Finite Element Analysis
- Human-Machine Collaboration
- Intelligent System
- Optimization
- Predictive Maintenance and Analysis
- Simulation tools
- Modelling and Simulation Applications (Energy, Agriculture, Healthcare, Transportation, Manufacturing, Environment and Ecology, etc.)

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Accepted papers will be considered to be published by Springer, in the Communications in Computer and Information Science Series (CCIS) prior to the conference. CCIS is abstracted/indexed in EI Compendex, DBLP, INSPEC, Google Scholar, zbMATH, SCImago, and Scopus. Papers will be considered for publication only if at least one of the authors is officially registered and present the paper in the conference.

Organised by:

Malaysian Simulation SOCIETY

Technically co-sponsored by:

Society of Simulation and Gaming Singapore

IMPORTANT DEADLINES:

- ❖ **Full Paper Submission:** 15th July 2024
- ❖ **Acceptance Notification:** 1st September 2024
- ❖ **Camera Ready & Registration:** 15th September 2024

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