

Asia Simulation Conference 2021

AsiaSim 2021

Digital Transformation: New Horizon of Simulation

Nov. 17-20, Seogwipo KAL Hotel, Jeju, Korea

<http://www.asiasim2021.org>

Asia Simulation Conference is an annual simulation conference organized by Asian simulation societies – KSS (Korea Society for Simulation), CSF (China Simulation Federation), JSST (Japan Society for Simulation Technology), SSAGsg(Society for Simulation and Gaming of Singapore), MSS(Malaysian Simulation Society). This conference provides a forum for scientist, academicians, and professionals from around the world. In this regard, the Federation of Asia Simulation Societies (ASIASIM) was formed in 2011. The purpose of ASIASIM is to provide Asia forum for regional and national simulation societies to promote the advancement of modelling and simulation in industry, research and development.

AsiaSim 2021 conference will be held in beautiful Jeju Island, Korea. Jeju island(Jejudo) is known as a place of fantasy and mystery, the largest island in Korea located in the southwest sea of the Korean peninsula, and highlighted for its uniqueness. It has strong influence from oceanic climate in summer and continental climate in winter and it's very mild with the annual mean temperature of about 16°C.

Mark your calendar now, and join us in the beautiful Jeju island for an exceptional conference! We encourage you to actively participate in the AsiaSim 2021 by submitting papers and proposals for organized sessions.

Important Dates

- **Full Paper/Extended Abstract Submission :**
August 22, 2021
- **Notification of Acceptance :**
September 15, 2021 (Extended: September 29, 2021)
- **Camera-ready copy :**
September 26, 2021 (Extended: October 6, 2021)
- **Early Registration :**
October 3, 2021(Extended: October 10, 2021)

Proceedings

The proceeding will be indexed by EI. Also, many selected papers and/or extended versions of selected papers will be published in IJIE(International Journal of Industrial Engineering SCI(E)). A few more special issues(SCI) will be aligned with AsiaSim 2021.

Keynote Speaker

- **Byunghee Kim** (CEO, VMS SOLUTIONS)
- **Lin Zhang** (Professor, Beihang University, China)
- **Satoshi Tanaka** (Professor, Ritsumeikan University, Japan)
- **David Goldsman**(Professor, Georgia Institute of Technology, USA)-Pending

Presentation Formats

- **Oral Presentation (20 min):**
Standard presentation format
- **Poster Presentation (60 min):**
Pinned to a poster board
- **Live-Stream Presentation (20 min):**
Using the Zoom platform
- **Pre-recorded Video:**
Oral(20 min), Poster(10 min)

Contact Information

AsiaSim 2021 Secretariat

The Korea Society for Simulation (KSS)
#420, Dasan Building, Ajou University
206, World cup-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, Republic of Korea, 16499

E-mail: asiasim.korea@gmail.com

Key Areas of Focus

The list of topics includes (**but not limited to**):

● Theory, Methodology and Tools

- ✓ Modeling Methodology
- ✓ Statistical methods for simulation
- ✓ System Dynamics
- ✓ Verification, Validation and Accreditation (VV&A) Techniques
- ✓ Distributed Simulation
- ✓ Agent-based Simulation
- ✓ Simulation and Ubiquitous Computing
- ✓ Simulation Tools
- ✓ Simulation language
- ✓ etc.

● Applications

- ✓ Business, Economics, Social Sciences
- ✓ Logistics, Transportation and Distribution
- ✓ Manufacturing, Supply Chain Management
- ✓ Smart Factory, Digital Twin, 3D Printing
- ✓ Communication Networks
- ✓ Mobile computing
- ✓ Military
- ✓ Education and Training
- ✓ Healthcare and Biomedical Engineering
- ✓ Performance Analysis
- ✓ General Engineering
- ✓ Virtual Reality prototype for Simulation
- ✓ Virtual Prototype
- ✓ Digital Twin
- ✓ Artificial Intelligence for Simulation
- ✓ U-Sensor Network
- ✓ Cloud, Big Data, Internet of Things(IoT)
- ✓ Pandemic Simulation
- ✓ Medicine
- ✓ Healthcare System
- ✓ Energy and Power Systems
- ✓ Other Fields



The Korea Society for Simulation