

## Virtual Conference

# Asia Simulation Conference 2021(AsiaSim 2021)

Digital Transformation: New Horizon of Simulation

December 8-11, 2021, 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 scientists, 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.

As previously announced, the AsiaSim 2021 was preparing a hybrid conference. However, due to the resurgence of COVID-19 around the world, the Committee has decided to change the conference format from a hybrid meeting to a virtual one. With the change of the format of conference, the conference schedule has been modified from November 17-20 to December 8-11, 2021. Please note the updated dates of AsiaSim 2021.

We regret that greeting you in person is not possible, however, your health and ultimately that of all of our families, colleagues, and communities, is absolutely paramount. We look forward to meeting you online on December 8-11, 2021 from wherever you are in the world.

### Important Dates

- **Full Paper/Extended Abstract Submission :**  
**October 24, 2021**
- **Notification of Acceptance :**  
**October 31, 2021**
- **Camera-ready copy :**  
**November 5, 2021**
- **Early Registration :**  
**November 12, 2021**

### Proceedings

The proceeding will be indexed by EI, Scopus(Springer's CCIS). Also, many selected full papers and/or extended versions of selected full 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

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

### Presentation Formats

- **Live-Stream Presentation (20 min)**
- **Poster Presentation (60 min)**
- **Pre-recorded Video**  
Oral(20 min), Poster(10 min)

### Contact Information

#### AsiaSim 2021 Secretariat

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### 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

