



# ANNSIM

## SCS Annual Modeling & Simulation Conference

*Andrea D'Ambrogio, SCS VP of Conferences*

*Mamadou Kaba Traoré, ANNSIM'21 Program Chair – ANNSIM'22 General Chair*

*Hamdi Kavak, ANNSIM'22 Vice General Chair*

*Azam Khan, ANNSIM'22 Program Chair*

# ANNSIM overview

## (Annual Modeling & Simulation Conference)

- Flagship conference of the **Society for Modeling and Simulation International (SCS)**
- Started in 2021 after merging the **Spring Simulation Conference (SpringSim)** and the **Summer Simulation Conference (SummerSim)**
- A single conference with multiple tracks, intended to incorporate advances in both modeling and simulation areas across multiple topical domains
- *Technical co-sponsorship by both ACM-SIGSIM and IEEE Computer Society* (with archiving in the ACM DL and IEEE Xplore)
- Brief history
  - SCS conferences began with Summer Computer Simulation Conference (SCSC) in 1960s, when computer simulation was a novel topic. SCSC continued to be a part of the larger SummerSim Conference as a track to continue the legacy
  - Likewise, the SpringSim conference incorporated the Annual Simulation Symposium (ANSS). SpringSim, before it was named SpringSim, started as ANSS in the Spring season. To keep ANSS as a part of SCS legacy, ANNSIM continues to have ANSS as a track

# 2021 Annual Modeling and Simulation Conference

July 19-22, 2021

VIRTUAL EVENT

- Organizing Committee:
  - General Chair: *Xiaolin Hu*, Georgia State University, USA
  - Vice-General Chair: *Hamdi Kavak*, George Mason University, USA
  - Program Chair: *Mamadou Kaba Traore*, University of Bordeaux, France
  - Proceedings Chair: *Cristina Ruiz Martin*, Carleton University, Canada
  - Publicity Chair: *Moharam Challenger*, University of Antwerp, Belgium
  - Awards Chair: *Fernando Barros*, University of Coimbra, Portugal
- Format: fully virtual (initially planned in-presence at George Mason University)
  - Keynote and tutorials: live presentations with video recording
  - Paper sessions: pre-recorded video and live Q&A
  - Poster & demo sessions: live presentations with posters available in a virtual room
- 12 technical paper tracks + Tutorial track + M&S Demo & Poster track

# 2021 Annual Modeling and Simulation Conference

July 19-22, 2021

VIRTUAL EVENT

- Technical tracks:
  - AI and Simulation (AIS)
  - Annual Simulation Symposium (ANSS)
  - Communications and Networking Simulation (CNS)
  - Cyber Physical Systems (CPS)
  - *Emerging Topic – Aspects of Pandemic Modeling (ET-APM)*
  - High Performance Computing and Simulation (HPC)
  - Humans, Societies, and Artificial Agents (HSAA)
  - Modeling and Simulation based Systems Engineering (MSBSE)
  - Modeling and Simulation for Smart Energy Systems (MSSES)
  - Modeling and Simulation in Cyber Security (MSCS)
  - Modeling and Simulation in Medicine (MSM)
  - Theory and Foundations for Modeling and Simulation (TMS)
- Statistics:
  - #submissions = 101
  - #acceptations = 58
- Best Paper Award:

Combining DEVS and Semantic Technologies for Modeling the SARS-COV-2 Replication Machinery  
by A. Ayadi, C. Frydman, W. Laddada, L. F. Soualmia, C. Zanni-Merk, I. L'Hote, E. Grellet and I. Imbert  
in *Theory and Foundations for Modeling and Simulation (TMS)* track

# 2022 ANNUAL MODELING AND SIMULATION CONFERENCE

JULY 18 - 21, 2022

SAN DIEGO STATE UNIVERSITY, SAN DIEGO, CA, USA

- Organizing Committee:
  - General Chair: *Mamadou Kaba Traore*, University of Bordeaux, France
  - Vice-General Chair: *Hamdi Kavak*, George Mason University, USA
  - Program Chair: *Azam Khan*, Trax.co, Canada
  - Proceedings Chair: *Cristina Ruiz Martin*, Carleton University, Canada
  - Awards Chair: *Xiaolin Hu*, Georgia State University, USA
  - Publicity Chairs: *Angelos Chronis*, Austrian Institute of Technology (AIT), Austria, and *Yuanjun Laili*, Beihang University, China
  - Logistics Chair: *John Richardson*, GFC, USA
- Date: July 18–21, 2022
- Format: in-person (hybrid option as a backup)
- 13 technical paper tracks + Tutorial track + M&S Demo & Poster track

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JULY 18 - 21, 2022

SAN DIEGO STATE UNIVERSITY, SAN DIEGO, CA, USA

- Technical tracks:
  - AI and Simulation (AIS)
  - Annual Simulation Symposium (ANSS)
  - Cyber Physical Systems (CPS)
  - *Emerging Topic – Supply Chain Modeling (ET-SCM)*
  - High Performance Computing and Simulation (HPC)
  - Humans, Societies, and Artificial Agents (HSAA)
  - Modeling and Simulation based Systems Engineering (MSBSE)
  - Modeling and Simulation for Smart Energy Systems (MSES)
  - Modeling and Simulation in Cyber Security (MSCS)
  - Modeling and Simulation in Medicine (MSM)
  - Theory and Foundations for Modeling and Simulation (TMS)
  - Symposium on Simulation for Architecture and Urban Design (SimAUD)
  - Symposium on Performance Evaluation of Computer and Telecommunications Systems / Communications and Networking Simulation (SPECTS/CNS)
- Highlights:
  - New tracks
    - SimAUD (previously a symposium in SpringSim)
    - SPECTS (previously a track in SummerSim)
  - Merged tracks
    - CNS
    - SPECTS
  - Emerging topic track on *Supply Chain Management*