ANNSIM'23
Annual Modeling and Simulation Conference 2023

MAY 23 – MAY 26, 2023
Mohawk College, Ontario, Canada

The **2023 Annual Modeling and Simulation Conference** (**ANNSIM'23**) is sponsored by The Society for Modeling and Simulation International (SCS), which covers state-of-the-art developments in Modeling & Simulation (M&S).

The TMS Track provides a forum to present the most recent advances in the Theory and Foundations of Modeling and Simulation. The focus is on the Modeling and Simulation concepts, methods, methodology, practice, and toolkits. The TMS Track welcomes unpublished papers on the topics below as well as others that can help deepen and expand the M&S Theory and Foundations for better understanding and development of computing, physical, and human systems. Topics of interest include, but are not limited to:

- Modeling & Simulation Formalisms (Actors, DEVS, Petri nets, Statecharts, etc.)
- Multi-formalism Modeling, Hybrid Modeling Languages, Multi-Modal Modeling
- Multi-Resolution/Multi-Scale Modeling, Multi-Paradigm/Multi-Domain Modeling,
- Model Checking, Formalism-Based Model Debugging, Model Transformation
- Parallel, Distributed, Real-Time, Cloud-Based, and Interactive Simulation
- Modular Hybrid, Spatially Distributed, and Ultra Large-Scale Systems

> Authors interested in other M&S topics are encouraged to submit their papers, which will be assigned to an appropriate track by the program chair. Choose the "Let Program Chair Decide" option in the submission system.

The conference includes keynote speeches presented by technology and industry leaders, technical sessions, and tutorials for professional development. Scientists, engineers, managers, educators, and business professionals who develop or use M&S methodologies and tools are invited to participate and present original contributions.

Authors of accepted papers are expected to register by the time of camera-ready submission, attend the conference, and present their work to their peers. Accepted technical papers will be submitted to the ACM Digital Library and IEEE Digital Library for archiving (approval pending) and will be indexed in DBLP and SCOPUS databases. Please visit https://mailchi.mp/scs/2023-annsim for details on the conference and the submission procedure.

The ANNSIM'23 organization committee will invite a list of highly rated accepted papers to an extended paper submission for a special issue at SIMULATION: Transactions of The Society for Modeling and Simulation International.

SUBMISSIONS
Technical papers: Original, high-quality technical papers are solicited for peer review, presentation, and subsequent publication in the conference proceedings if accepted. Papers are max 12 pages long with single column format. Visit the Author Kit page for more information: https://scs.org/authorskit.

IMPORTANT DATES

Paper submission	Jan 29th, 2023
Author notification	March 7th, 2023
Camera-ready paper submission	March 20th, 2023
Conference	May 23-26, 2023