

MAY 20 - MAY 23, 2024

American University, Washington D.C., USA

The [2024 Annual Modeling and Simulation Conference \(ANNSIM'24\)](#) is the annual flagship conference sponsored by The Society for Modeling and Simulation International (SCS), which covers state-of-the-art developments in Modeling & Simulation (M&S). ANNSIM'24 invites original contributions to the theory, methodology, and practice of modeling and simulation in any scientific or engineering discipline. The following is the list of main tracks at ANNSIM'24:

- **Annual Simulation Symposium.**

Chairs: Joachim Denil (U. Antwerp, Belgium) & Deniz Cetinkaya (Bournemouth U., UK)

- **Humans, Societies, and Artificial Agents**

Chairs: Taylor Anderson (George Mason U., USA) & Petra Ahrweiler (Johannes Gutenberg U., Germany)

- **Health and Medicine**

Chairs: Özgür M. Araz (University of Nebraska — Lincoln, USA) & Srin Venkatramanan (U. Virginia, USA)

- **Cybersecurity**

Chairs: David Wells (MITRE, USA) & Katherine Morse (Johns Hopkins University Applied Physics Laboratory, USA)

- **Digital Twins and Cyber-Physical Systems**

Chairs: Elisa Negri (Politecnico Milano, Italy) & Mirgita Frasher (Aarhus University, Denmark)

- **Communications and Networking Simulation**

Chairs: Abdolreza Abhari (Toronto Metropolitan U., Canada) & Cheng-Bang Chen (U. of Miami, USA)

- **Sustainability and Resource Management**

Chairs: Ursula Eicker (Concordia U., Canada) & Ankica Barisic (Université Côte d'Azur, France)

- **Business Informatics and Process Management**

Chairs: Mahsa Pourbafrani (RWTH Aachen U., Germany) & Dominik Bork (TU Wien, Austria)

- **Machine Learning and AI**

Chairs: Jose Padilla (Old Dominion U. USA) & Brandon Haworth (U. Victoria, Canada)

- **Symposium on simulation for Architecture and Urban Design (SimAUD)**

Chairs: Mohamed Aly Etman (Yale University, USA) & Nina M. Sharifi (Syracuse University, USA)

- **Tutorials**

Chairs: Scott Rosen (MITRE, USA) & Canan Gunes Corlu (Boston U., USA)

- **Ph.D. Colloquium**

Chairs: Margarita Vinnikov (New Jersey Institute of Technology, USA) & Kevin Brown (Argonne National Lab, USA)

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 <http://annsim.org> for details on the conference and the submission procedure. The ANNSIM'24 organization committee will invite a list of highly rated accepted papers to an extended paper submission for special issues in the journal [SIMULATION](#).

SUBMISSIONS

Original, high-quality technical papers are solicited for peer review, presentation, and subsequent publication in the conference proceedings if accepted. Technical papers are max 12 pages long with single column format. Tutorials and Ph.D. Colloquium submissions are 2 pages long. Please visit the Author Kit page to use the templates and review detailed guidance on the content: <http://annsim.org/submission-guidelines/>.

ORGANIZING COMMITTEE

General chair: Philippe Giabbanelli (Miami U., USA). Vice General Chair: Istvan David (McMaster U., Canada). Program Chair: Cristina Ruiz-Martin (Carleton U., Canada). Proceedings co-chairs: Román Cárdenas (Universidad Politécnica de Madrid, Spain) & Bentley Oakes (Polytechnique Montreal, Canada). For any question, please contact the general chair at giabbapj@miamioh.edu

Important dates

Paper Submission Extension
Jan 31st, 2024
(Final Extension)

Acceptance Notification
March 1st, 2024

Camera-ready Submission
March 20th, 2024

Conference Program
April 3rd, 2024