

# CALL FOR PAPERS

## TMS/DEVS'18

Theory of Modeling and Simulation/  
DEVS Symposium

Spring Simulation Multi-conference 2018

April 15-18, 2018  
Baltimore, Maryland

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The purpose of this symposium is to provide a forum to discuss recent advancements in M&S theory. The main focus is on modeling, methodology, practice and software to cope with the challenges arising out of these, as well as lessons learned and challenges. The Symposium bridges different areas in the field of theory of M&S, including formal modeling, model-checking, graph transformation, modeling methodologies. Topics of interest include (but are not limited to):

- Theory
  - Advances in Modeling Formalisms (DEVS, Petri nets, Statecharts, etc.)
  - Model Transformation
  - Model Checking and Verification
- Modular Approaches to M&S
  - Model Composition
  - Co-simulation
  - Interoperability
  - Modular Modeling of Hybrid Systems
  - Modular Modeling of Spatially Distributed Systems
  - Modular Representation of Numerical Solvers



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  - Parallel/Distributed/Cloud-Based Simulation
  - Real-Time and Interactive Simulation
  - M&S of Embedded Systems
- M&S Tools and Standards
  - Simulation Languages/Libraries
  - Simulation Development/Visualization Tools
  - M&S Repositories/Data Formats

## Submission Guidelines

Original, high-quality technical papers are solicited for review, possible presentation and subsequent publication in the conference proceedings. For further instructions, please refer to the Submission Instructions in the SCS Conference Proceedings Management System web site. Contributed papers are 12 pages long with single-column format. They will be peer reviewed and – if accepted and presented at the conference - possibly archived in the ACM and in the IEEE Digital Libraries. Papers must not have appeared before (or be pending) in a journal or conference with published proceedings, nor may they be under review or submitted to another forum during SpringSim'18 review process. At least one author of an accepted paper must register for the symposium and must present the paper at the symposium. The submission website is available at <http://www.softconf.com/sim/DEVS18/>.

For submissions please use the paper template provided at <http://scs.org/authorskit/>.

## Important Dates

Full paper submission: Nov. 23, 2017

Notification of acceptance: Jan. 12, 2018

Camera-ready paper: Feb. 23, 2018

## Additional Information

For additional information please visit TMS/DEVS'18 website (<http://www.tmsdevs.org>).

## Contact

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