



## DEVS 2018

*DEVS Modeling and Simulation*

**July 9-12, 2018**

**Bordeaux, France**

**Track Chair:** José L. Risco Martín, Complutense University of Madrid, Spain, [jlrisko@ucm.es](mailto:jlrisko@ucm.es)

**Co-Chair:** Olivier Dalle, University of Nice Sophia Antipolis, France, [olivier.dalle@unice.fr](mailto:olivier.dalle@unice.fr)

### Aims and Scope

DEVS is a well-known modeling formalism for the description of discrete, continuous and hybrid systems. The methodology is well-founded in mathematical theories and has been efficiently used in many real-world applications.

This track is practical in essence and aims at showing original and timely contributions about real world applications and software support for DEVS, including network, web, cloud, sky, and fog computing technologies. It also looks for contributions related to DEVS in the new areas of model engineering for simulation, DEVS and emergence, Big Data, CPS, and IoT related M&S environments, etc.

### Topics

Recommended topics in the track include, but are not limited to, the following:

- DEVS M&S real world applications
- DEVS support for Network, Web, Cloud and Sky M&S
- Model engineering for simulation in DEVS
- Emergence behavior in DEVS M&S
- DEVS in Big Data and IoT environments
- DEVS performance
- DEVS and real time
- Co-simulation, Co-design, Standardization of DEVS

# CALL FOR PAPERS



- DEVS M&S in the development of Embedded and Cyber Physical Systems

Nevertheless, different topics concerning DEVS M&S are welcome. Authors are kindly invited to include in their papers and presentations all the research works, case studies and application.

## 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. For author guidelines on how to submit a paper, please go to <http://scs.org/authorskit/>. They will be peer reviewed and – if accepted and presented at the conference - possibly submitted to the ACM and 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 SummerSim'18 review process. At least one author of an accepted paper must register for the symposium and must present the paper at the symposium.

## Important Dates

**Full Paper submission:** March 2, 2018

**Author notification:** May 4, 2018

**Submission of WIP papers:** May 11, 2018

**Notification of WIP papers:** May 18, 2018

**Camera-ready Paper:** May 25, 2018

## Contact

For questions, please contact the track chair, José L. Risco Martín, [jlrisco@ucm.es](mailto:jlrisco@ucm.es) or [scs@scs.org](mailto:scs@scs.org) | (858) 277-3888