

ANSS'17

Annual Simulation Symposium

Spring Simulation Multi-conference 2017

APRIL 23 - 26, 2017

Virginia Beach, VA

Organizing Committee

General Chair: **Shafagh Shafer**, jafers@erau.edu

General Co-Chair: **Jose J. Padilla**, jpadilla@odu.edu

Program Chair: **Erika Frydenlund**, efrydenl@odu.edu

The **Annual Simulation Symposium** is the oldest continuously operating simulation symposium within the Society for Modeling and Simulation (SCS). 2017 marks the 49th ANSS anniversary. Since the first ANSS was conducted in 1968, this event has been a forum to exchange ideas, research results, and methods, techniques, and applications among simulation practitioners from industry, government, and academia.

ANSS'17 will continue the tradition of presenting state-of-the-art papers, panels, and tutorials highlighting topics of interest for simulation practitioners and users. The topic list is therefore neither complete nor exclusive, but provides authors a guideline on topics of particular interest identified so far. The program committee welcomes additional ideas and invites everybody to engage our audience with new topics of general interest. We also welcome recommendations on panel topics as well as high-level invited speakers who can address these issues in an engaging style. We want to continue to be the hub for new ideas and applications.

Topics

Traditionally, the guiding topics of ANSS come from the domains of System Simulation, Military Simulation, and Emerging Applications. Those guiding topics are:

- Emerging Topics:
 - Data-driven simulations
 - Hybrid simulations
 - Critical infrastructure modeling
 - Simulation for cyber
- M&S Methodologies
 - Multi-paradigm modeling
 - Conceptual modeling
 - Simulation design/implementation
 - Verification & validation
 - Interoperation and composition

CALL FOR PAPERS



- M&S Use Cases
 - Decision making support
 - Theory testing/development
 - Human behaviour modeling
 - Social Network modeling
- M&S Domain Applications:
 - Healthcare and medicine
 - Avionics
 - Transportation
 - Education
 - Military
 - Homeland security
 - Social Sciences

Submission Guidelines

Contributed papers are maximum of 12 pages long, with a minimum of 6 pages, with single column format. If accepted and presented at the conference papers will be submitted to the ACM Digital Library. 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'17 review process. It is also possible to submit to the Work in Progress (WIP) or Posters tracks; more details will be announced on the website (<http://www.scs.org/springsim>). A submission may be rejected for paper presentation, but it may be suggested for submission and presentation as a work in progress or poster. At least one author must register and present the paper/WIP/poster at the symposium.

All submissions will be peer reviewed and feedback will be provided.

Please use the paper template provided in the conference website. The use of the template will facilitate the prompt proceedings compilation and submission to the ACM Digital Library.

Special Track Requests

If you are interested in putting together a special track on one of the above mentioned topics or other topic of interest to ANSS, please let us know before September 1st, 2016. Please provide a description of the track and potential subtopics. It is expected that 1) you request submission for the track and 2) that you would identify reviewers. For track requests, please email us at SpringsimANSS2017@gmail.com.

Important Dates

Workshop Proposal: September 30, 2016
Abstract Submission: October 15, 2016
Abstract Feedback: October 30, 2016
Full paper Submission: December 15, 2016
Notification of Acceptance: January 31, 2017
Camera-ready Paper: February 20, 2017