Poster Session and Student Colloquium'17

Spring Simulation Multi-conference 2017

APRIL 23 - 26, 2017
Virginia Beach, VA

Chair: **Caroline Krejci,** ckrejci@iastate.edu

SpringSim'17 is soliciting extended abstracts for the Poster Session and Student Colloquium for its annual Spring Simulation Multi-Conference.

The Student Colloquium is intended to bring together students in both early and advanced stages of their careers working on modeling and simulation-related topics (see below) in a friendly forum to present, discuss, and illustrate their ongoing research in a constructive and enjoyable atmosphere. It is a great opportunity to obtain feedback from researchers in the field, establish relationships for future inter-institutional collaborations, and brainstorm and develop ideas through scientific discussion. All authors are required to attend the Poster Session and/or Student Colloquium at the conference and to participate actively. At least one author of each accepted abstract must register and present the work.

General Poster Session

We are seeking outstanding extended abstract submissions (300-500 words) that will be presented in a poster format at the conference during session hours and break times. The extended abstract should present interesting recent results, novel ideas, or works-in-progress that are not quite ready for a regular full-length paper. Authors of accepted abstracts may also optionally apply to give a short presentation about their work at the Student Colloquium event. Extended abstract submissions are encouraged in all areas of modeling and simulation. Accepted abstracts will be published in the conference proceedings.

Student Colloquium Posters

We warmly invite graduate students to submit an extended abstract (300-500 words) describing their research work, which can be in the proposal stage or early/middle stages of development. The colloquium is a forum where students can openly share the challenges they are facing with modeling and their research, rather than communicate the results of completed research. The abstract should describe the student's research (with or without results), with an emphasis on the motivation for the work and the relevance of the problems being addressed. Accepted abstracts will be presented in a poster format during the poster session hours. Additionally, authors of accepted extended abstracts will give a short presentation (10 minutes) at the Student Colloquium event. Accepted abstracts will be published in the conference proceedings. Authors will also be provided with a one-year SCS student membership.

Topics

Submissions are encouraged in all areas of modeling and simulation. In particular, we are seeking extended abstracts in the following areas:

- Discrete event modeling and simulation
- Agent-directed modeling and simulation
- Computer/communication networks, with an emphasis on modeling and simulation
- Numerical simulation and optimization as applied to business and industry
- Parallel and distributed simulators and simulation techniques
- Application of modeling and simulation in biology
- Use of modeling and simulation in the area of computer security
- Modeling and simulation in the area of neural networks
- Modeling and simulation related to image/video compression/processing and robotic vision
- Modeling and simulation related to military applications
- Modeling, analysis, and simulation of telecommunication systems
- Web-based modeling and simulation
- High-performance computing and simulation
- Network/internet traffic modeling and workload characterization
- Simulation languages, tools, and environments
- Simulation of parallel systems, distributed systems, and databases
- Simulation of clusters, grids and wireless systems
- Simulation of multimedia applications and systems
- Modeling and simulation of real-time and embedded systems
- Simulation methodology, theory, and philosophy
- Modeling and simulation for medicine and healthcare applications

Awards

Awards for the best student posters and presentations will be presented to students according to the quality of their work and presentation. The awards ceremony will take place at the end of the Colloquium event.

Submission Guidelines

The following guidelines apply to both Poster Session and Student Colloquium submissions:

- Submissions will be peer-reviewed by the Program Committee to ensure quality.
- Submissions must be in English.
- Extended abstracts must follow the Paper Formatting Guidelines for the conference.
- All final submissions are to be made electronically to SCS via the SCS Conference Proceedings Management System for SpringSim'17 Poster Session and Student Colloquium.
- For further instructions, please refer to the Submission Instructions in the SCS website (http://www.scs.org/springsim).

Important Dates
Abstract Submission: February 22, 2017
Notification of Acceptance: March 8, 2017