

SPRINGSIM'20

2020 Spring Simulation Conference

AIMS AND SCOPE

M&S Demo Session

The purpose of the **M&S Demo Session** is to engage students in simulation development and in implementing M&S theories. Researchers are also welcomed to present their work. The session presents an excellent opportunity to conduct a LIVE simulation presentation and get feedback from fellow researchers and experts in the field; the simulation does not have to be in its final completed stage. The simulation environment can be as simple as a desktop M&S application or a remote M&S interface on a tablet device or as complicated as a M&S tool running on a distributed platform. The underlying M&S theory and formalism as well as the implementation overview must be documented in a 2-page abstract paper submitted prior to the conference. The paper must embed screenshots of the simulation and list all of the capabilities of the system. Limited use of open-source tools and libraries can be incorporated into the system; however, the use of commercial simulation tools is not allowed in the demo. The presentation should convey the development, theories, challenges, objectives, and any findings or results of the simulation. The demo should not be a plug-and-play experience that conveys various simulation outcomes. For the abstract format, please refer to the SpringSim page for SCS paper formatting. Each contestant will demo and present the M&S system during the Demo session, the demo can be joined with a ppt presentation. Allotted time for each demo/ppt is 15 minutes with 5 minutes of Q&A. The Demo session is open to undergraduate and graduate students, post-docs, and researchers in the early stage of their careers. Limited travel support funds are available to students; please email us requesting travel support as soon as you submit the abstract.

Student Colloquium Poster

For the **Student Colloquium Posters Session**, we warmly invite graduate students, at all stages of their careers, to submit a 2-page extended abstract describing their current M&S research work. All accepted abstracts will be presented in a poster format. Selected abstracts will be allotted a 10 minutes presentation at the M&S Demo / Student Colloquium Session. This is an excellent opportunity to get feedback from fellow graduate students and researchers. All accepted abstracts will be published in the conference proceedings and authors will be provided with a one-year SCS student membership. The colloquium provides graduate students with an opportunity to present their research in a formal conference setting, yet in an enjoyable atmosphere where they can openly share their current research challenges and discuss any promising preliminary results. The extended abstract should describe the research motivation, objectives, M&S relevance of the problems being addressed, proposed methodology, and any results of completed research. A prize and a certificate will be awarded to Best Student Poster.