



Track Chair: *Suresh Damodaran, MITRE, sdamodaran@mitre.org*

Aims and Scope

CyberSim 2018 will provide an excellent forum for sharing knowledge and results in modeling and simulation of systems in cyberspace, including the cyber ranges on which these models can be simulated, and supporting tools. The conference looks for significant contributions to the area of cyber M&S, cyber ranges, and supporting tools, in theoretical and practical aspects. The aim of this track is to provide a platform for researchers and practitioners from both academia and industry to meet and share cutting-edge developments in the field.

Authors are solicited to contribute to the conference by submitting original articles that illustrate research results, projects, surveys, and industrial experiences that describe significant advances in cyber modeling, simulation, metrics, validation, analytics, visualization, tools, techniques, and ranges.

Topics

Specific topics of interest include (but are not limited to) the following:

- Cyber assessment
- Cyber data and datasets
- Cyber range and operations
- Event environment
- Event orchestration

CALL FOR PAPERS



- Instrumentation
- Adversarial/threat modeling
- Defense strategies
- Human factors
- Reverse engineering
- Cyber operations, situational awareness
- Cyber decision making
- Predictive analytics
- Anomaly detection
- Cyber-physical security
- Hardware-in-the-Loop
- Critical Infrastructure
- Cyber-physical systems
- Software and hardware platforms
- Limitations of Cyber M&S

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 30, 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

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