



SPRINGSIM' 16

Spring Simulation Multi-Conference 2016

APRIL 3-6, 2016

The Westin Pasadena; Pasadena, California



**** Call For Papers ****

19th Communications and Networking Simulation Symposium (CNS'16)

General Chair: Dr. Hala ElAarag, Stetson University, FL, USA, helaarag@stetson.edu

Co Chair: Dr. Abdolreza Abhari, Ryerson University, Toronto, Canada, aabhari@scs.ryerson.ca

Important Deadlines

Abstract Submission: Nov 02, 2015

Abstract Feedback: Nov 10, 2015

Full paper submission: Dec 15, 2015

Notification of Acceptance: Jan 31, 2016

Camera-ready Paper: Feb 29, 2016

Call For Papers

Communications and Networks are the nerve system of Information Technology, and a dominating part of our daily lives. *Web 2.0, Big Data, Social Networks, Mobile Devices, Smart Phones, Cloud Computing, and other disruptive technologies* are seeing explosive growth of services to all user domains; public or private, military or government, educational or industry, healthcare or finance, science or entertainment. Quality of Service, Security, Interoperability, speedy access, and many other important requirements need to be studied, monitored, and predicted by techniques such as simulation; a proven technology that can save costs, time, and/or lives.

CNS 2016 invites experts, researchers, developers, managers, and entrepreneurs of this dynamic field to publish and share original and unpublished findings with their peers in a forum dedicated to this field. CNS forum is eager to hear your success story and the challenges faced in the pursuit of advancing the focused technology. CNS has a track record of 18 successful years in providing great feedback and discussions to the presented topics. CNS'16 will be even a more exciting forum and program. We welcome you to join us this year.

Accepted papers will appear in the SCS Proceedings and the ACM Digital Library.

We welcome papers describing design principles as well as applications pertinent (but not limited) to the tracks below with emphasis on modeling and simulation.

- **Big Data & Social Networks**
 - Big Data Modeling and Simulation
 - Information Retrieval and Search Engines
 - Data Mining and Knowledge Discovery in Web

- Social Media related simulation
- Web 20.0 Simulation
- Web-Based Simulation and Applications
- Internet and Mobile QoS Architectures

- **Cloud Computing**
 - Cloud Performance
 - Cloud Interoperability
 - Hybrid & Enterprise Cloud Architecture
 - Virtualization & Data Centers
 - Simulation on the Cloud
 - Simulation tools for Cloud Computing
 - Clusters and Grid Computing & Communications
 - Distributed Simulation and Real Time Systems

- **Network Security**
 - Cyberspace Security
 - Network Security
 - Cloud Security
 - Security of Mobile Devices
 - Network Security and Management
 - Network Design and Performance Analysis

- **Biological Networks and Healthcare**
 - Cellular communications and biological computing
 - Wireless Sensor Networks in Healthcare
 - Electronic Healthcare Records
 - Military Healthcare System & Infrastructure
 - Public Healthcare System & Infrastructure

- **Wireless Network & Mobile Network**
 - Ad Hoc Network
 - Wireless Communications and Networks
 - Mobile application
 - Signaling and Routing protocols
 - Smart Phone Application

- **Other Network related simulation**
 - Traffic Engineering and Measurements
 - High Level Architecture Simulation and Application
 - Virtual Environments and Virtual Classrooms Peer-to-Peer Communications and Computations
 - Large Scale Networks simulation
 - Simulation Tools for Communications and Networks
 - Modeling Techniques, Verification and Validation

Steering Committee:

Dr. Dr. Hassan Rajaei, Bowling Green State University, USA, rajaei@cs.bgsu.edu
 Dr. Aftab Ahmad, John Jay College of Criminal Justice, USA, aaftab@jjay.cuny.edu
 Dr. Susan Lincke-Salecker, University of Wisconsin-Parkside, USA, lincke@uwp.edu
 Dr. Yelena Rykalova, Boston University, USA, rykalova@bu.edu

Tutorials, Panels, and Special Sessions:

Proposals are welcome for Tutorials, Panels, and Special Sessions in hot research areas such as security, cloud computing, big data, and electronic health record systems.

Tutorial proposal must follow the general format of the conference, and not need to be original work. It must however address current needs of general audience.

Panel proposal must articulate the topic, the members of the panel, and the moderator. Further, the panel discussion should include a brief leading presentation by the members, as well as encouraging questions by the audience.

Special Session proposal must describe the needs, structure, targeted audience, and any special tool or media they might need.

Technical Program Committee

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- Alenca Zajic, AIZaComm, USA
- Lev Sofman, Alcatel-Lucent North America, USA
- Junaid Zubairi, SUNY at Fredonia, USA

Original papers for CNS 2016 should be submitted via [CNS'16 Paper Submission web-page](#) , official SCS SpringSim'16 Conference Paper Submission. All papers must include the authors' affiliation and e-mail addresses of ALL authors. The e-mail addresses should be related to the authors' institutions and not public portals.

Paper formatting instructions and copyright form are available [here](#). All papers will be fully refereed for accuracy, technical content, and relevance. Papers should be NO longer than 8 single-spaced double-column pages. At least one author must pre-register for the conference, paying the full registration fee, in order to have their paper included in the proceedings and the ACM Digital Library. It exists also a possibility to submit to **Work in Progress or Posters** tracks; more details will be announced on the website. All submissions **will be peer reviewed** and feedback will be provided.

Please do not hesitate to contact the Chair with any questions concerning the paper submission and review process, or questions regarding the relevance of a paper to the conference. Further information is available at <http://www.scs.org> and <http://www.scs.org/springsim>

Sponsored by the Society for Modeling and Simulation International (SCS)

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