



March 19-22, 2012
Hilton St. Louis at the Ballpark, St. Louis, Missouri

Call for papers

The 10th Annual Conference on Systems Engineering (CSER 2012) invites authors to submit papers that will push the boundaries of systems engineering research and respond to new challenges for systems architecting and engineering.

During the last decade, CSER has attracted systems engineering and architecting research throughout the world and has become the primary conference for disseminating systems engineering research and germinating new research ideas. Missouri University of Science and Technology is honored to host CSER 2012, March 19-22, 2012, at Hilton St. Louis at the Ballpark, St. Louis, Missouri.

Authors — Abstract Submission Opens May 13, 2011

Authors Schedule

May 13, 2011 Abstract Submission Opens	October 7, 2011 Referee Review Deadline
August 5, 2011 Abstract Submission Deadline	October 21, 2011 Status Notification Deadline
September 2, 2011 Full Paper Submission Deadline	November 18, 2011 Camera Ready Paper Deadline

Submissions

Abstracts: Authors are requested to submit a short abstract (200 words or less). Authors must submit their abstract and author information online at — <http://cser.mst.edu>.

Full Papers: Please submit your full paper online. Authors are limited to eight pages for each accepted paper in the proceedings. Additional pages will result in extra charges. All papers are refereed by two senior researchers in the field to assure a high quality conference and proceedings.

Conference Proceedings: All accepted papers will be published as a part of conference proceedings through Science Direct by Elsevier and will be included in a citation index such as Scopus. A copy of the proceedings will be distributed to all paid attendees.

Submit your abstract online at
<http://cser.mst.edu>

Topics of Interests

Systems Architecting

Systems and Enterprise Architecture, Software Intensive Architecting, Architecture Patterns, Architecture Search Methods, Architecture Assessment

Systems Science and Thinking

Systems Engineering Methodologies, Processes, and Frameworks, Systems Engineering Education, Systems Engineering Research Methodology, Natural Systems Science

Computational Approaches to Systems Engineering

Model Applications and Approaches, Model Based Systems Engineering, Distributed Systems, Networks and Graphs, Computational Intelligence, Machine Learning, Agent Based Systems

Complex Systems

Complex Adaptive Systems, Systems of Systems and Complex Systems, Emergent Behavior, Learning, Agility, and Adaptability, Systems Dynamics, Complex Systems Modeling

Multidisciplinary Application Domains

Healthcare and Medical Informatics, Sensors and Wireless Networks, Communication Systems, Cyber Security, Environmental Systems, Home Land Security, Human Systems Integration, Energy Generation and Distribution Systems, Intelligent Transportation Systems, Railway Systems, Modeling and Simulation, Rapid Integrated System Development and Manufacturing

Advanced Systems Engineering Topics

Platform Based Engineering, Trusted System Design, Model Based Engineering, Adaptable Defense Systems, Capability on Demand, Real-time Adaptive Systems, Rapidly Reconfigurable Systems, Pre-planned Disposable Systems, Trustworthy Systems, Interoperability, Integrated Systems and Software Engineering, Systems Assessment and Assurance

Applying Systems Engineering in Industry

Systems Development, Maturity, Acquisition, Cost Estimating, Systems Engineering Management, Systems Development, Design, and Acquisition

Conference General Chair

Dr. Cihan H. Dagli

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