

Call for Papers



Model-Based Specification and Simulation-Based Design and Procurement

Part of 2007 Summer Computer Simulation Conference (SCSC'07)

July 15 - 18, 2007 – San Diego, California

<http://www.scs.org/summersim/scsc/>

Sponsored by the Society for Modeling and Simulation International

The purpose of Model-Based Specification and Simulation-Based Design and Procurement track is to bring together researchers to present their latest work in all areas of this topic ranging from models as specification to their representation, tolerances, emulation, experimentation, benchmarking, acquisition, validation, and standardization. Topics include but are not limited to the emerging methodologies in:

- Models as Specifications
- Building-Block Methods
- Iconic and Plug and Play Simulation
- Translators and Wrappers
- Multidiscipline Simulation
- Multi-rate Simulation
- Standard Models, Reference Models, and Model Libraries
- Representation of Tolerances in Simulation-Based Specifications
- Self-consistent Initialization of Heterogeneous System Models
- Variable Model Order, Model Reduction, and Model Enrichment Validation and Verification
- Simulation Methods for Nonlinear, Discontinuous, and Dynamic Systems
- Cognitive Processes for Very Large System Simulations
- Large System Simulations -- Chaos, Monte Carlo, Data Mining, and Genetic Algorithms
- Simulation Based Acquisition
- Human and Machine Synergistic Solvers
- System Emulation and Experimentation
- Complex and Complicated Systems
- Simulation Standardization and Benchmarks
- Simulation Methods for System Development

Submission Procedures: Please follow the submission instructions at <http://www.sce.carleton.ca/faculty/wainer/SCSC07/SCSC'07.htm> and submit your paper to the web site <http://www.softconf.com/scs/SCSC07/>. For questions and more information, please contact Terry Ericson at ERICSET@ONR.NAVY.MIL

Important Dates:

Submission of Full Papers
Notification of Acceptance
Final Manuscript in PDF form

April 20, 2007
May 25, 2007
June 22, 2007