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in cooperation with
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2007 Summer Computer Simulation Conference (SCSC)
July 15 – 18, 2007. San Diego Marriot Mission Valley. San Diego, CA.
Sponsored by the Society for Modeling and Simulation International

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"Moving Towards the Unified Simulation Approach"

SCSC'07 is focused on basic and applied research in modeling and simulation. The purpose of the conference is to provide a forum for researchers and governmental and industrial investigators to exchange ideas and discuss developments in this growing field. In addition to peer reviewed paper sessions. The best contributed paper will be given an award. A selected group of full papers will be published in the special issue of Simulation Journal.

Topics of interest include but are not limited to:
- Methodologies, Tools and Software Applications (MTSA)
- Management Planning & Forecasting
- Information Assurance and Telecom Security
- Bioinformatics & Biological Systems
- Power Electronics Modeling & Simulation
- M&S in Information Technology modeling
- M&S in Defense and Training
- Inventory Control and Production Planning
- Environmental Modeling & Simulation
- M&S Verification/Validation & Accreditation
- Virtual Reality, Visualization & Simulation
- M&S in Mechanics/Mechatronics
- Optimization in logistics
- Multi/Metamodeling
- Cellular Automata
- Multimodal Transportation and Logistics
- Agent Directed Simulation
- M&S in Business & Industry
- Web Based Modeling
- Simulation and Web Services
- M&S Body of Knowledge and Education
- M&S in Emergency Simulation
- M&S in Construction

Workshop and Tutorials: M&S in Homeland Security, Discrete Event System Specification (DEVS), On-Line Simulation, M&S Standards, Discrete and Continuous System Modeling & Simulation. For workshops/tutorials in other topics, please contact the tutorial program chair

Submission Procedures:
The conference committee will accept three types of papers submitted as a **PDF file** to the conference website (**http://www.softconf.com/scs/SCSC07/**) as listed below. Final version of all the papers MUST COMPLY with the SCS conference format. All the submitted papers will be peer reviewed with respect to their quality, originality and relevance. The authors of the accepted paper MUST register in advance for inclusion of their paper in the conference proceedings.
1. **Full manuscript:** 8 pages in final conference format. In addition to publication in the conference proceedings, they will be considered for best paper award and for possible inclusion in a Special Issue of the Simulation Journal (SCS). Full papers will be published both in hard copy and CD-ROM.
2. **Work in Progress:** Short papers up to 6 pages in final conference format.
3. **Short Papers**: Papers with industrial focus, military or government applications, and work-in-progress in abstract or short paper format.

All papers will be included in the conference proceedings and archived in both the SCS digital library and the ACM Digital Library; Full Papers will be also printed in hard copy.

Important Dates:
Submission of full papers: April 20th, 2007
Notification of acceptance: May 25th, 2007
Final manuscript and Early Registration: June 22nd, 2007

Current List Tracks & Workshops

3D simulation and visualization
Chairs: Sebastian Enrique, Electronic Arts (Canada); Marc-Emmanuel Bellemare, LSIS (France); Alejandro Troccoli, NVIDIA Corp. (USA).

Agent Directed Simulation
Chairs: Tuncer Ören, SITE, University of Ottawa (Canada); Levent Yilmaz, Auburn University (USA).

Applications in Business, Management, Planning & Forecasting
Chairs: Marina Massei, Liophant Simulation (Italy); Matteo Brandolini, BRB Studio (Italy); Pertti Broas, VTT (Finland)

At Man's Step: modeling and simulation of crowds and pedestrian behaviors
Chairs: Stefania Bandini, Sara Manzoni. Universita di Milano-Bicocca (Italy).

Bioinformatics / Biology
Chair: Isaac Barjis, New York City College of Technology (USA); Igor Zwir, Howard Hughes Medical Institute (USA).

Computational Modeling and Simulation of Embedded Systems
Chair: Gabriela Nicolescu, Ecole Polytechnique de Montreal (Canada); Pieter Mosterman, The MathWorks, Inc. (USA).

Construction
Chairs: Vineet Kamat, University of Michigan (USA); Amin Hammad, Concordia University (Canada).

DASD: Workshop on the Design, Analysis and Simulation of Distributed systems
Chair: Dietmar Tutsch (Technical University Berlin, Germany); Co-Chairs: Peter Kropf (University of Neuchatel, Switzerland), Herwig Unger (University of Hagen, Germany).

DEVS Workshop
Chairs: Mamadou K. Traoré, Université Blaise Pascal (France); Hans Vangheluwe, McGill University (Canada).

Education and Body of Knowledge
Chair: William V Tucker, Boeing Phantom Works (USA); Chell Roberts, Arizona State University (USA).

Emergency Simulation
Chair: Francesco Longo, University of Calabria (Italy).

Environment, Agriculture and Ecology
Chairs: Frits van Evert, PRI (Netherlands); Jon C. Cline, Case Western Reserve University (USA).

Information Assurance and Telecommunication Security
Chairs: Ratan K. Guha, UCF (USA); Marwan Al-Akaidi, MISS De Montfort University (UK).

Inventory Control & Production Planning
Chair: Stefano Saetta, University of Perugia (Italy).

Military Application & Simulation
Chair: Drew Hamilton, Auburn University (USA); Erik Esselaar, DRDC, Directorate Armoured Vehicle Project Management (Canada).

Model-Based Specification and Simulation-Based Design and Procurement
Chairs: Terry Ericsen, Office of Naval Research (USA).

MTSA: Methodology, Tools and Software Applications
Chair: Ralph Huntsinger, Cal State Chico (USA).

Multimodal Transportation & Logistics
Chairs: Dietmar Moeller, Univ. of Hamburg, Germany

Optimization of Logistic Systems through Simulation
Chairs: Miquel Angel Piera, Universitat Autonoma de Barcelona, Spain.

Production & Manufacturing
Chair: Edward Williams, University of Michigan (USA).

Self-Organised systems
Chair: Luis Correia, University of Lisbon (Portugal).

Simulation Tools Interfaces.
Chairs: Charles Santoni, LSIS (France); Fatima Vieira, Universidad de Campina Grande, (Brazil).

Student Paper Workshop
Student Chairs: Stephen Lombardi, Qi Liu. (Carleton University); Academic Chair: P. Kropf (University of Neuchatel)

Workshop on Homeland Security
Chair: Joe Rosen, Darthmouth College (USA); Agostino Bruzzone, Liophant Simulation (Italy).

Workshop on R&D at the MISS Centers
Chair: András Jávor, Budapest University of Technology and Economics (Hungary), Lou Birta, University of Ottawa, Canada.