

CALL FOR PARTICIPATION

MODELING & SIMULATION EDUCATION & TRAINING TRACK

2001 SUMMER COMPUTER SIMULATION CONFERENCE

THEME: THE EMERGENCE OF MODELING AND SIMULATION EDUCATION INFRASTRUCTURE

During the last few years, existing and anticipated shortages of Modeling and Simulation (M&S) professionals have resulted in workshops and several dedicated conference tracks for promotion and advancement of M&S education and training. Examples of such activities since last year are Summer Computer Simulation Conference (SCSC 2000), National Training Systems Association (NTSA) Professional Certification Program Initiative (2000-2001), Modeling and Simulation Magnet Program for High Schools (I/TSEC 2000), Winter Simulation Conference (WSC 2000), and Western Multi-Conference (SCS-WMC 2000). Collective views expressed by the user (industry and government) and provider (academia and professional organizations) sectors have been fueling the foundation to ensure successful education and training of knowledge workers in the vast M&S arena. Indeed, the criticality of joint efforts necessitates broad active participation of all parties from the community. The principal objective of this track, as part of the SCSC-2001, therefore, is to provide a unifying forum for charting out the territory ahead founded on the progress achieved by its predecessors leading to modeling and simulation as a discipline!

Topical areas for papers, presentations, and panel discussions are:

- M&S Education & Training I: Existing and Planned Programs (Universities, Colleges , & K-12)
- M&S Education & Training II: Existing and Planned Programs (Professional Organizations & Vocational Schools)
- M&S National and International Exchange Programs
- Web-based, Virtual Continuing Education
- Emerging Educational & Training Approaches
- Resources (Tools, Methods, etc.) for Teaching Modeling & Simulation
- Economics of Simulation: Past, Present, and Future
- Trends in Standardization, Code of Ethics, and Certification

The Modeling and Simulation Education and Training Track welcomes contributions in the topics listed above ranging from K-12 through Ph.D. programs as well as continuing education and special programs to keep professionals current with the rapidly advancing technologies. We, furthermore, seek contributions on existing and planned M&S academic and professional programs. The track will include complementary invited keynotes and forums focusing on challenges facing government and industries in support of existing and anticipated critical shortage of M&S professionals from the educational and training perspectives.

CLOSELY RELATED TRACK ACTIVITIES:

PROFESSIONAL CERTIFICATION PROGRAM

Presentations by the National Training Systems Association (NTSA) led Certification Program members. Mark Yerkes can be reached via myerkes@Research.ucf.edu for further information.

MCLEOD INSTITUTE FOR SIMULATION SCIENCE (MISS) CENTERS

Contributions by MISS Centers under the directorship of Dietmar Moller are also planned. D. Moller can be contacted via dietmar.moeller@informatik.uni-hamburg.de for additional information.

For further information, please contact any of the following individuals:

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Abstracts are due by March 31, 2001. Papers received will be considered after this date as long as time and program space permit. For further information about paper submission and other related information, please visit <http://www.scs.org/confernc/coninfo.html#scsc2001>.