

2011 International Symposium on System Modeling, Simulation and Engineering Mathematics (SMSEM2011)

2011系统建模、仿真与工程数学国际会议(SMSEM2011)

22-24 April, 2011 Wuhan, China

www.issmse.org

2011 International Symposium on System Modeling, Simulation and Engineering Mathematics (SMSEM2011) will be held from April 22th to 24th, 2011 in Wuhan, China, which will bring together top researchers from Asian Pacific areas, North America, Europe and around the world to exchange research results and address open issues in all aspects of System Modeling, Simulation and Engineering Mathematics. All accepted papers of SMSEM2011 will be indexed by Ei Compendex and ISTEP. The best papers presented at the conference will be selected for publications in some International Journals which are indexed by SCI or EI.

Important Dates

Paper submission due:	16 January, 2011
Notification of paper acceptance:	31 January, 2011
Final manuscript due:	08 February, 2011
Registration and full payment due:	19 February, 2011
Conference date:	22-24 April, 2011

Area 1: System Modeling, Simulation and Application

Application of Modeling and Simulation

Application of Simulation Software

Analytical and Stochastic Modeling Techniques and Applications

Agent based Simulation

Biomedical visualization and applications

Bond Graph Modeling

Chaos Modeling, Control and Signal Transmission

Circuit Simulation and Modeling

Computational and Systems Biology

Computational Modeling and Simulation

Computer Application Technology

Computer Games and Simulation

Computing and Simulation applications

Control Technology

Database Technology

Data Mining and Knowledge Discovery

Device simulation & modeling

Discrete and Numerical Simulation

Discrete Event Modeling and Simulation in Production, Logistics and Transport

Embedded Computing and Simulation Technology
Emerging Technologies and applications
Finite and Boundary Element Techniques
Graph and Image Processing
High Performance Computing and Simulation
Information Security
Intrusion Detection System
Information and Scientific Visualization
Information Hiding and Digital Watermark
Intelligent Computing and Simulation Technology
Interaction Paradigms and Human Factors
Internet, Web and Security Visualization
Knowledge-based simulation
Mathematical and Numerical Methods in Simulation & Modeling
Mathematical Modeling and Application
Mat lab/Mathematical/Lingo/Lindo/SAS
Methodology and Technology
Modeling and Simulation Methodologies
Modeling Engineering
Modeling, Simulation and Control of Technological Processes
Multimedia Technology
Network Engineering
Networked Modeling and Simulation Technology
Object-oriented Simulation
Problem solving and modeling
Parallel and distributed computing Simulation
Parallel and Distributed Software
Perceptual issues in visualization and modeling
Pervasive computing and simulation technology
Process simulation and modeling
Production, Logistics and Transport
Prototyping and simulation
Real-time modeling and simulation
Simulation and Modeling in Molecular Biology
Simulation Application in Industry
Simulation Based Acquisition
Virtual prototyping engineering technology
Simulation in Industry, Business and Services
Simulation of Complex Systems
Simulation of Intelligent Systems
Simulator
E-service
Software Engineering
Vision and Visualization

Virtual Reality Technology

Area 2: Engineering Mathematics and Education

Applications of Mathematics

Classroom Instruction Research

Computer Aided Instruction

College Network Education Innovation Research

Computer Distance Learning

Computer Network Education

Computation Thought and Computer Method Study

Countryside Distance Learning

Dealing with Cultural Differences

Digit Sports Research

Education Information Technology

Educational Technique standard

Educational Technique's Application in the Vocational-Technical Education

Lifelong Education Research

Mathematical Education

Mathematics Education Research

Modern Distance Learning Resources Effective Applied Research

Network University

Network Curriculum

New Technology in Teaching Domain Application

Special Crowd Mathematical Education

Teacher preparation and ongoing in-service development

Transforming assessment

Statistics Technology

The application of mathematics in the sciences and informatics