



CALL FOR PAPERS

September 9-13, 2007, Ljubljana, Slovenia



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EUROSIM - Federation of European Simulation Societies



EUROSIM 2007

6th EUROSIM Congress on Modelling and Simulation

September 9 - 13, 2007, LJUBLJANA, SLOVENIA

About EUROSIM:

EUROSIM is the Federation of European Simulation Societies and the EUROSIM congress organization (a triennial event) is one of the most important activities of the federation.

For more information about EUROSIM see:
www.eurosim.info

PROGRAMME:

The EUROSIM 2007 scientific programme consists of: Plenary lectures, Regular sessions, Special sessions, Posters, Students' competition and Tutorials. Papers will be published in two Proceedings Volumes: Volume 1: Book of Abstracts, Volume 2: DVD volume with full papers and multimedia files.

SCOPE AND TOPICS:

The scope includes all aspects of continuous, discrete (event) and hybrid modelling, simulation, identification and optimisation approaches. So the common denominator is problems solving with modelling and simulation in a way that can be useful also for solving other problems in similar or different areas. Contributions from technical (engineering) areas but also from nontechnical areas are welcome.

M&S methods and technologies: modelling and simulation of complex, large scale, distributed, hybrid, hierarchical, stochastic, control, expert, adaptive, fuzzy, decision support, multivariable, multiagent, reconfigurable, agent based, knowledge based, real time, queuing systems, scheduling, parallel processing concepts, high performance computing, M&S system architectures, neural networks, model validation and verification, simulation life-cycle evolution, genetic algorithms, man-in-the loop simulation, hardware-in-the loop simulation, nested simulation models, distributed enterprise simulation, data mining, bond graphs, simulation with Petri nets, discrete event simulation, statistic modelling, component based modelling, object oriented modelling, mathematical /numerical methods in simulation, graphical modelling, nano technology modelling, embedded and firmware modelling, middleware architecture modelling, visualisation, graphics and animation, modelling and simulation tools, WEB based simulation, human behaviour representation techniques, virtual reality and virtual environments, CAD/CAM/CIM/CAE, experiential digital media, future of M&S

M&S applications: aerospace, automotive systems and transportation, agriculture, architecture, biopharmacy, biomedicine, bioinformatics, genomics, business, applied chemistry, civil engineering, communications, ecological and environmental systems, economics, econometrics, economics of M&S, education, electrical engineering, geophysical systems, industrial processes, logistics, manufacturing systems, maintenance, reliability, marine systems, materials modelling and simulation, mechanical engineering, mechatronics, meteorology/climate, military systems, organisational processes, power systems, applied psychology, process engineering, social sciences, robotics, mobile robotics, seismism, traffic/transportation, training simulators, water management and treatment, systems biology, pulp&paper, computational fluid dynamics, supply chains, plant data and lifecycle management

VENUE:

University of Ljubljana, Faculty of Electrical Engineering, Ljubljana, Slovenia



DEADLINES:

Proposal for special sessions and tutorials: **23 April 2007**

Submission of extended abstracts: **9 April 2007**

Submission of student full papers: **30 May 2007**

Notification of acceptance: **30 May 2007**

Early registration: **11 June 2007**

Submission of camera-ready papers: **9 July 2007**

Hotel Reservation: **27 July 2007**

CONTACTS:

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- SLOSIM - Slovene Society for Simulation and Modelling
- University of Ljubljana, Faculty of Electrical Engineering
- EUROSIM member societies: ASIM, CROSSIM, CSSS, DBSS, FRANCOSIM, HSS, ISCS, PSCS, SIMS, UKSIM, CEA SMSG, LSS, ROMSIM

CO-SPONSORS:

- CASS Chinese Association for System Simulation,
- ECMS European Council for Modelling and Simulation,
- JSST Japan Society for Simulation Technology,
- KSS Korea Society for Simulation,
- SCS The Society for Modeling and Simulation Int.,
- IASTED International Association of Science and Technology for Development
- ACSS Automatic Control Society of Slovenia

EXHIBITION:

Exhibitors with software, hardware and books from the area of M&S are cordially invited to participate.



<http://www.eurosim2007.org>