MOSIM'14

Topics and application fields selected for MOSIM'14 cover a wide spectrum and are related to modelling, optimization and simulation of systems: communication, cooperation and coordination. MOSIM'14 aims to be a place of scientific exchange between researchers, academic teachers and companies around these topics. To organize the 2014 edition of MOSIM around the circular economy, and in the continuity of previous editions, is a choice justified by the increasing importance given to environmental and socio-economic questions when developing industrial systems.

SCIENTIFIC TOPICS

- Modelling Methods
- Simulation Methods and Tools
- Simulation Languages and Architectures
- Parallel and Distributed Simulation
- Discret Events Formalism
- Dynamic,Hybridand ContinuousModels
- StochasticModels
- Optimization Methods
- Game Theory
- Meta Heuristics
- Multi-Objective Programming
- Artificial Intelligence
- System Engineering
- Digital Engineering
- Agent-Driven Simulation
- Neural Network and Learning Machine
- Fuzzy Logic Modelling
- Heterogeneous Systems

PROBLEMS

- Design and optimization
- Planning and scheduling
- Performance assessment
- Control and supervision
- Maintenance, Diagnosis
- Safety, Reliability, Availability
- Robustness and Sensibility
- Risk management
- Change management
- Project management
- Knowledge management
- Sustainable development policy
- Information and decision-making systems
- Human and social factors
- Re-design, re-engineering et recycling
- Specification, verification and validation
- Interoperability
- Manufacturing and services
- Enterprise networks

APPLICATION FIELDS

- Manufacturing
- Traffic, transportationandintermodality
- Transportation and logistics
- Green supply chain
- Health care systems
- Natural systems
- Defensesystems
- Renewable energy systems
- Communication Systems and networks
- Real Time and Embedded systems
- Buildings and infrastructures
- Ambiant systems
- E-Simulation and virtual reality

SUBMISSION

Authors are invited to submit their full draft paper, using a.docx, .rtf or .pdf format,directly on the conference website:

http://www.mosim2014.org

AGENDA

May 15, 2014: Submission of full length draft paper
June 15, 2014: Notification of acceptance
September 15, 2014: Submission of final versions

CONFERENCE SECRETARIAT

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REGISTRATION

Information about registration, venue and accommodation can be found on the conference website:http://www.mosim2014.org
The registration fees, include conference proceedings and meals are450 € for the PhD students/academic staff and 550€ for companies.

CONFERENCE LOCATION

Former capital of the Lorraine Duchy, Nancy is a city of 105000 inhabitants in an urban area counting 450 000 inhabitants. Located 281 kilometers from Paris, 116 kilometers from Strasbourg and 341 kilometers from Lyon, Nancy is town full of history due to its past of ducal capital, which gave the city a rich architectural(Ducal palace, Stanislas place...) and artistic (art nouveau, manufacture of crystal and art glassworks) heritage. It is today a top-notch university city, training more than 50 000 students each year and employing more than 3 500 academic teachers.The conference will take place in the new congress hall Nancy Centre Prouvé. This is the new facility, called by the Urban Community of Greater Nancy, to host congresses and professional meetings. Adjacent to the TGV railway station, it is part of the Eco district, Nancy Grand Coeur, area of 11ha in the middle of the city.

CALL FOR PAPER

10th Francophone conference on Modelling, Optimization and Simulation

Modelling, OptimizationandSimulation: From a linear to a circular economy

MOSIM 14

November 5-7, 2014
Nancy, France

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