

**13th EUROPEAN SIMULATION SYMPOSIUM AND EXHIBITION
SIMULATION IN INDUSTRY**



**Marseilles, France
October 18th-20th, 2001**

Sponsored by The Society for Computer Simulation International



Workshop on

**MULTIAGENT BASED MODELING AND
SIMULATION
in Industry and Environment**

CALL FOR PAPER

The 13th European Simulation Symposium and exhibition will be held in October 2001 at Marseilles, France. The Web site with more details is available on the SCS European website <http://hobbes.rug.ac.be/~scs/conf/ess2001/index.html>. The preliminary Call For Paper (in Powerpoint format, i.e. = .ppt) can be downloaded at :
<http://hobbes.rug.ac.be/~scs/conf/ess2001/call.ppt>

Since 10 years the modelling and simulation processes of industrial and environmental systems took benefits from recent works in the field on the multi-agent systems (MAS) from distributed artificial intelligence (DAI).

Among 19 topics, **Modeling and Simulation of Industrial and Environmental Systems with Multi-Agents Systems** will be the subject of a special workshop.

MODELING AND SIMULATION OF INDUSTRIAL SYSTEMS

The main goal of this session is to point out the current research works on applications and tools for modelling and simulation with MAS in industrial systems with MAS and to facilitate contacts and dialogue between scientists (in informatics, automatics and industrial engineering) and industry.

Applications : modeling and/or simulation in :

- Control of industrial systems,
- Scheduling,
- Planning,
- Supply chain,
- Transport and logistics,
- ...

MODELING AND SIMULATION OF ENVIRONMENTAL SYSTEMS

The main goal of this session is to stimulate contacts between practitioners of multi-agent systems on socio-ecosystems in order to exchange experiences on large-scale applications, modeling methodologies and management of multi-scale (both temporal and spatial) and multiple viewpoints models.

Applications :

- Environment management,
- Resource management,
- Social impact on environment,
- Political impact on environment,
- Computer-aided decision making,
- Socio-eco-systems modelling
- ...

European workshop coordinators :

Bernard ESPINASSE, DIAM-IUSPIM, Université d'Aix-Marseille, France.
Jean-Pierre MULLER, Université de Neuchatel, Switzerland.

Workshop program committee :

BEL Gérard, ONERA, France,
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MULLER Jean-Pierre, Université de Neuchatel, Switzerland,
PARUNAK H. Van Dyke, ERIM, USA (to be confirmed),
PIERREVAL Henri, IFMA, France,
SIGNORILE Roberto, Boston College, USA,

Workshop organisation committee :

Alain FERRARINI (DIAM-IUSPIM)
Nathalie FRANCHESQUIN (DIAM-IUSPIM)
Erwan TRANVOUEZ (DIAM-IUSPIM)

Please note :

Only original papers, written in English, which have not previously been published elsewhere will be accepted.

Deadlines :

- * Abstract or Full Papers **30 March 2001**
- * Acceptance Notification **15 June 2001**
- * Full Camera-Ready Papers **10 September 2001**

Paper submission :

Full papers/extended abstracts are to be sent electronically to **Philippe.Geril@rug.ac.be**, with a cc to :

jean-pierre.muller@info.unine.ch
and **bernard.espinasse@iuspim.u-3mrs.fr**

Please attach a file with a cover letter specifying :

"ESS 2001, Workshop on MULTIAGENT BASED MODELING AND SIMULATION", and stating your name, affiliation, mail address, telephone number, fax number, and e-mail address.

The Web site with more details is available on the SCS European website :
<http://hobbes.rug.ac.be/~scs>

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