



**September 23-25  
2009**

**MAS** MAS2009

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### Organization Committee

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MISS - Genoa Center  
University of Genoa. Italy

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MISS - Spanish Center Univ.  
Autònoma de Barcelona.  
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# The 6th International Mediterranean Multiconference

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## Detailed Program MAS

Posted September 4th, 2009  
by i3m2009

MAS2009

### Automation

Session Chair: Naamane Aziz

Modeling a Spatial Communication Activity in Wireless Sensors Network. Jan Nikodem,  
19 Ryszard Klempous, Maciej Nikodem, Marek Woda, Zenon Chaczko.

Vehicle Dynamics Control Using Bond Graph with  
24 Sliding Mode Observers. A.Naamane, N.K. Msirdi.

Robust Tuning PSS for Multimachine Power Systems Using Multiobjective Hybridation  
20 Technique. A. Choucha, A. Hellal, S. Arif, A. Hadjadj.

Fuzzy Blending Hybrid Structure with Fuzzy and Conventional PID Controllers. Cihan Bulut,  
26 Ibrahim Eksin, Mujde Guzelkaya, Tufan Kumbasar, Engin Yesil.

Comparative Study with and without Sensor of Speed of a Command by DTC of a Variable  
32 Reluctance Motor with Smooth Stator. M. Birame, L. Mokrani, M.kadjoudj, A. Naamane, N.K.Msirdi.

Control of a pH Neutralization Process via the Big Bang Big Crunch Optimization. Tufan  
27 Kumbasar, Ibrahim Eksin, Müjde Güzelkaya, Engin Yesil.

### Decision Support Systems Applications

Session Chair: Fabio de Felice

Modelling of Transport Project Uncertainties:  
6 Risk Assessment and Scenario Analysis. Kim Bang Salling, Steen Leleur.

Proposal of a New Model for the Optimization of the Organizational Process in Industrial  
28 Company through the Application of the Analytic Network Process. Fabio De Felice, Antonella Petrillo.

Two Heuristics for Improving the Efficiency of a  
29 Markov Chain Based Decision Making Method. René Chelvier, Claudia Krull, Graham Horton.

### Photos from Tenerife



### Upcoming events

- No upcoming events available

more

### Facebook link

**facebook**

Nombre: Mediterranean Modelling Multiconference  
Sitios web: <http://i3m2009.isaatc.ull.es>  
Estado: Ninguno

### Organizers



Departamento de Ingeniería de Sistemas y Automática  
y Arquitectura y Tecnología de Computadores



Dept. Systems Engineering  
and Automation University  
of La Laguna. Spain

Claudia Frydman  
LSIS, Domaine Universitaire  
de Saint-Jérôme. France

- An RSVP Model for OPNET Simulator with an  
1 Integrated QoS Architecture. *Sibel Tariyan  
Özyer, Reza Hassanpour.*

- Elaboration of a Composite Score for Designing  
10 and Choosing Sustainable "Official Car Policy".  
*Rigo Nicolas, Ndiaye Alassane Ballé.*

#### [Human Behavior Representation and Social Simulation](#)

*Session Chair: Mamadou Seck*

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- 2 Simulation and Optimization of Evolution in  
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*Stanislaw Sieniutycz.*

- 42 Early Testing Procedures for Supporting  
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- 43 Pandemic Dynamic Objects & Reactive Agents.  
*Terry Bossomaier, Agostino G. Bruzzone, Marina  
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#### [Inventory Management Simulation](#)

*Session Chair: Duilio Curcio, Adriano Solis*

- 41 MRP-DRP Model as a Base for Negotiations in  
Times of Recession. *Marija Bogataj, Robert W.  
Grubbström, Ludvik Bogataj.*

- 31 A Linear Programming Formulation for an  
Inventory Management Decision with a Service  
Constraint. *Gerrit K. Janssens, Katrien M.  
Ramaekers.*

- 37 Warehouse Management: Inventory Control  
Policies Comparison. *Agostino G. Bruzzone,  
Duilio Curcio, Giovanni Mirabelli, Enrico Papoff.*

- 22 A Decision Support System for Inventory  
Management of Intermittent Demand. *Katrien  
Ramaekers, Gerrit K. Janssens.*

#### [Modeling and Applied Simulation](#)

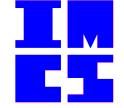
*Session Chair: Gregory Zacharewicz*

- 25 Multi Agent/HLA Enterprise Interoperability  
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- 17 Configuration of a Service and Distribution  
Network in the Aerospace Industry. *Marcos  
Simas Magalhães, Miguel Cezar Santor.*

- 39 Monte Carlo Valuation of Power Generating  
Units. *Ivan Ourdev, Simaan M. AbouRizk,  
Mohammed AlBataineh.*

- 15 15 A Simulation Model for Light Rail Transportation



System. *Filiz Dumbek, Dilay Celebi.*

- 5 Simulation of the Emersion Procedure for a New Underwater Generator. *Amable López Piñeiro, José Andrés Somolinos, Luis Ramón Núñez Rivas, Eva María Novoa Rojas.*

#### **Production Simulation**

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- 34 Introduction of Simulation Method and Possibilities of Standardisation. *József Perger, János Jósvai, András Pfeiffer, Botond Kádár.*

- 7 An Integrated Simulation and Operation Costing Approach to Assess Orders Production Costs: A Real Application. *Antonio Avai, Marzio Sorlini.*

- 12 Modelling and Simulation of a Natural Roofing Slates Manufacturing Plant. *David del Rio Vilas, Diego Crespo Pereira, Juan Luis Crespo Mariño, Alejandro Garcia del Valle.*

- 35 Production Process Modeling and Planning with Simulation Method, Mounting Process Optimisation. *János Jósvai.*

- 8 Flexible Production Simulation for Applied Sciences. *Klaus Altendorfer, Josef Pilstl, Alexander Hübl, Herbert Jodlbauer.*

- 33 Self-Building Simulation Tool for Daily Decision Support in Production Control. *András Pfeiffer, Botond Kádár, Marcell Szathmári, Gergely Popovics, Zoltán Vén, László Monostori.*

#### **Production Systems design**

Session Chair: *Antonio Cimino, Francesco Longo*

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- 36 Industrial Workstations Design: A Real Case Study. *Antonio Cimino, Francesco Longo, Giovanni Mirabelli, Enrico Papoff.*

- 9 Simulating the Integration of Original Equipment Manufacturer and Suppliers in Fractal Environment. *Sameh M. Saad, Julian C. Aririguzo.*

- 40 Retail Stores Modeling: Comparison between Simulation and Virtual Reality Approaches. *Francesco Longo, Marina Massei, Enrico Papoff, Sabrina Rondinelli.*

- 44 How to Support Firm Environmental Innovation: The Case of the VOCless Mechanical Pulping Project. *Stefano Saetta, Lorenzo Tacci.*

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For further information please contact [I3M Organization Committee](#)