

3rd Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics

Valenciennes, June 20-22, 2013

Call for papers

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Venue:

ENSIAME

University of Valenciennes and Hainaut-Cambresis
Le Mont-Houy 59313 Valenciennes Cedex 9, France

Scientific partners:



Work Group IMS²



ENSIAME



Registration Fees

Full registration: 100 € | PhD Students: 50 €

Contact:

Silviu Răileanu, Iulia Iacob (CIMR, RO)
Tel: +40/21 402 93 14 Fax: +40/21 317 09 12
E-mail: sohoma13@cimr.pub.ro
www.sohoma13.cimr.pub.ro

It is our pleasure to invite you to participate in the 3rd ERRIC Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics, organized by the University Politehnica of Bucharest, the Faculty of Automatic Control and Computer Science and the University of Valenciennes and Hainaut-Cambresis, ENSIAME in collaboration with the Work Group IMS2 of the French research network GDR MACS.

The theme of the Workshop is "Intelligent Information Technologies for service-oriented, sustainable manufacturing and robotics".

The Workshop is organized in the framework of the European FP7 Project ERRIC, the objective of which is to foster innovation in control of sustainable manufacturing and in this context to empower excellence in research in the faculty of Automatic Control and Computer Science of the University Politehnica of Bucharest thus enhancing its national and regional leadership position in selected areas of Intelligent Information Technologies applied to manufacturing and robotics.

Workshop Topics

- Intelligent Manufacturing Systems Control
- Distributed Intelligence for Manufacturing and Multi-Robot Systems
- Intelligent Product in Supply Chains and Manufacturing
- Web Services and Wireless Automation for Manufacturing
- Swarm Intelligence in Robotics and Manufacturing
- Natural-like Human-Robot Interaction
- Product Driven Automation for Manufacturing
- Service Orientation of Robots
- Service Oriented Architectures in Manufacturing
- Distributed and Multi-Agent Systems for Manufacturing
- Discrete Event Systems in Manufacturing
- Bio-Inspired Theories for Holonic Manufacturing and Evolutionary Robotics
- Dynamic and Green Infrastructure for Sustainable Manufacturing
- Operational Research Applications in CAD/CAM/CAE
- Monitoring, Diagnosis and Maintenance of Manufacturing Systems
- Resource Allocation, Production Planning and Scheduling
- Supply Chain and Logistics
- Industrial robots in manufacturing

Paper submission and proceedings

All SOHOMA'13 papers must be submitted in electronic format (pdf format) by email at the address sohoma13@cimr.pub.ro. The material submitted for presentation at the workshop must be original, not published or being considered elsewhere. The working language is English. The papers are limited to 8 pages formatted in the Springer Book format for "Studies in Computational Intelligence" according to the instructions given at <http://www.springer.com/series/8393>.

All papers accepted for presentation will be published in the Preprints Volume (available on CD) and will be distributed to the participants at the conference time.

A selection of papers duly presented at the Workshop will be included in the SOHOMA'13 post conference Proceedings Volume in a special issue of the Springer series with the title "Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics" as a multichapter book.

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Author's Schedule

Full paper submission: March 15, 2013
Notification of acceptance: April 5, 2013
Final paper submission: April 15, 2013