

1st Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing Control

Paris, June 20-21, 2011

Call for papers

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Venue:

Ecole Nationale Supérieure des Arts
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It is our pleasure to invite you to participate in the 1st ERRIC Workshop on **Service Orientation in Holonic and Multi-Agent Manufacturing Control**, organized by the University Politehnica of Bucharest, the Faculty of Automatic Control and Computer Science in collaboration with the IMS2 research group of GDR MACS.

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

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.

Workshop topics

Papers are requested on topics related but not limited to:

- Intelligent Manufacturing Systems Control
- Web Services and Wireless Automation for Manufacturing
- Product Driven Automation for Manufacturing
- Supply Chain and Logistics
- Resource Allocation, Production Planning and Scheduling
- Monitoring, Diagnosis and Maintenance of Manufacturing Systems
- Service Oriented Architectures in Manufacturing
- Distributed and Multi-Agent Systems for Manufacturing
- Discrete Event Systems in Manufacturing
- Bio-Inspired and Holonic Manufacturing
- Dynamic and Green Infrastructure for Sustainable Manufacturing
- Operational Research Applications in CAD/CAM/CAE
- Intelligent Robot Services in Manufacturing

Keynote speakers

Professor José Barata, New University of Lisbon, PT

Dr. Diem Ho, University Relations manager IBM Europe, Middle East and Africa

Professor Duncan McFarlane, University of Cambridge, UK

Professor Paul Valckenaers, Catholic University of Leuven, BE

Paper submission and proceedings

All papers accepted and presented will be published in a special issue of Springer Book series. Copyright of materials presented at the workshop is held by Springer Verlag.

The working language is English. Papers submitted for presentation must be original, not published elsewhere. The papers are limited to 12 pages formatted in the Springer Book format according to the instructions given at

<http://www.springer.com/computer/lncs/lncs+authors?SGWID=0-40209-0-0-0>

Papers must be submitted in electronic format (pdf) by email at the address

sohoma11@cimr.pub.ro

Author's Schedule

Full paper submission: May 23, 2011

Notification of acceptance: May 27, 2011

Final paper submission: June 13, 2011