



# incom 2012

14th IFAC Symposium  
on Information Control Problems in Manufacturing

May 23 - 25, 2012, Bucharest, Romania

Hilton Hotel Conference Centre, 1-3 Episcopiei Street, District 1



INCOM is worldwide recognized as one of the leading conferences promoting research in the fields of Industrial Engineering, Automatic Control, Computer Science & Engineering and Information Technology applied to Manufacturing Systems. The INCOM symposia attract a large number of outstanding scientists worldwide, offering a forum to discuss and promote the most recent scientific results and implementing solutions through interdisciplinary knowledge transfer.

The theme of this 14th INCOM edition is "**Advanced Control for Smarter Manufacturing**", bringing into discussion the state-of-the-art and progress for sustainable manufacturing. From bio-inspiration to virtual enterprise management, new theories will be presented which improve manufacturing engineering practices.

### Committees

IPC Chair: Alexandre Dolgui (FR)  
General Scientific Chair: Laszlo Monostori (HU)

#### International Program Committee:

IPC Scientific Vice-Chairs: Carlos Eduardo Pereira (BR)  
Ioan Dumitrache (RO)  
IPC Vice-Chair from Industry: Pavel Vrba (CZ)

#### National Organizing Committee:

NOC Chair: Theodor Borangiu (RO)  
NOC Vice-Chair from Industry: Iuliu Stocklosa (RO)

#### IPC Members

The detailed list of IPC members is available on the conference website.

### Important Dates

**December 12, 2011:** Full paper submission  
**January 31, 2012:** Notification of acceptance  
**February 24, 2012:** Final paper submission and early registration

### Registration Fees

Full registration: 400 € (early) / 450 € (late)  
Students: 200 € (early) / 250 € (late)

**Secretariat E-mail** [incom12@cimr.pub.ro](mailto:incom12@cimr.pub.ro)

**Symposium Web Site** [www.incom12.ro](http://www.incom12.ro)

### Symposium topics

Authors are invited to submit papers in the following areas

- ▣ Web Services and Wireless Automation for Manufacturing
- ▣ Supply Chains and Logistics
- ▣ Facilities Planning and Materials Flow Handling
- ▣ Resource Allocation, Production Planning and Scheduling
- ▣ Monitoring, Diagnosis and Maintenance of Manufacturing Systems
- ▣ Process Modelling and Information System Design
- ▣ Service Oriented Architectures in Manufacturing
- ▣ Socio-technical and Cognitive Aspects of Automation
- ▣ Intelligent Manufacturing Systems Modelling and Applications
- ▣ 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

### Included Events

- ▣ Invited papers in Special Sessions grouped in Special Tracks
- ▣ National Industry Meeting "Fostering Innovation in Information Management and Control of Service-enabled Enterprises".
- ▣ 2<sup>nd</sup> International ERRIC Workshop on "Service Orientation in Holonic and Multi-Agent Manufacturing Control"

### Submission Information

Original papers must be submitted electronically using PaperPlaza Conference Manuscript Management System ([fac.papercept.net](http://fac.papercept.net)). Papers must be prepared in a two-column format in accordance with the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it on line by November 18, 2011. Submission details are given on the symposium website.

All submissions must be written in English. The copyrights (in electronic form) of all papers are transferred to IFAC when the submission of the camera ready form of accepted papers is completed. Selected and presented papers will be published post-symposium in IFAC journals.

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### Organizers:



University Politehnica of Bucharest  
Centre of Research in Robotics and CIM



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