SYMPOSIUM ON INDUSTRIAL INFORMATICS - SII 2012
CALL FOR PAPERS
http://www.41jaiio.org.ar/sii

August 28th, 2012
La Plata - Argentina

New! **Paper Submission Deadline Extended May 21st**

INTRODUCTION

The Symposium on Industrial Informatics (SII) is an open forum for researchers, practitioners and students that use and/or develop applications and industrial systems, both in academic and professional settings, fostering the interaction and exchange of experiences in these environments. It is therefore expected that participants of SII exchange ideas and share the results of their professional and research activities in the area of Industrial Informatics, in sessions and discussion panels.

The SII 2012 will be held as part of the 41 Argentine Conferences on Informatics (41 JAIIO), on August 28th, 2012 in La Plata, Argentina.

In this edition, the topics of interest include the development of models and information technology applications in:

- *Supply Chains*, particularly those who provide support for efficient management through TICs.
- *Manufacturing Processes,* including simulation, optimization, imaging technologies, electronics and telecommunications, process automation, and robotics.
- *Enterprise-Wide Systems.* Integration, optimization, and control of complex industrial systems.

TOPICS OF INTEREST

- Decision Making Support Systems
- Production control and monitoring
- Automation and Industrial Robotics
- Complex Systems
- Supply Chain and Systems Modelling
- Industrial Information Systems and Platforms (ERP, CRM, DRM, MRP, SCEM, etc.).
- Computer Integrated Manufacturing (CIM)
- Software and Systems Architecture for Industrial Applications

- Real-Time and Transactional Systems in Industrial Applications
- Industrial Information Networks
- Process optimization, planning, control, and monitoring
- Computational Process Simulation
- Quality Control Systems
- Productivity Improvement in Industrial Environments
- Supply Chain Management
- Supply Chain control, optimization, and monitoring
- Benchmarking
- Agent-Based Modeling
- Cloud Computing for Industrial Applications
- Business-to-Business information systems (B2B)
- Traceability and Event Management
- System integration and interoperability
- RFID and EPC information systems
- Collaborative systems in Industry
- Artificial Intelligence on Industrial Applications
- Green Supply Chain Management, Green Production, Sustainability
- Lean Manufacturing and Lean Supply Chains.
- Innovation Engineering and Management
- Industrial Applications of Geographic Information Systems (GIS)

IMPORTANT DATES

Paper submission: ~~April 30, 2012~~ **May 21, 2012**
Author notification: June 11, 2012
Camera-ready version: June 25, 2012
Registration of one author: June 25, 2012
Conference: August 28, 2012

PAPER SUBMISSION

Authors are invited to send contributions related to the topics and areas mentioned, in English, Spanish, or Portuguese, according to the LNCS format:
http://www.springer.de/comp/lncs/authors.html

The works submitted must not exceed 10 pages, including tables, figures and references, and must be submitted in PDF format. Detailed instructions for paper submission are available in the conference site.

All the symposia at 41JAIIO use SADIO's conference management system to handle submissions. To upload your contribution you first need to register and sign in. The web page of the symposia provide detailed instructions about registration

and submission, direct access to the user registration form, and direct access to the submission form.

In this opportunity, a selection of the best articles will be published in the [Iberoamerican Journal of Industrial Engineering (IJIE)](#)

At least one of the authors of each accepted paper must register to the conference before the deadline for camera ready submissions in order for the work to be considered for publication.

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