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**Sponsored by:** AGH University of Science and Technology at Kraków, and IEEE Industrial Electronics Society

**Call for Papers**  
(regular papers)

**Track 4. Automated Manufacturing Systems**

**Track co-Chairs**

**Cristian Mahulea, University of Zaragoza, Spain**  
**Carla Seatzu, University of Cagliari, Italy**  
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**Topics within the scope of the track:** This track specifically focuses on the use of techniques and technologies for the modeling, analysis, intelligent control and enterprise integration of automated manufacturing systems. Topics of special interest include, but are not limited to:

- Formal Modeling and Analysis of Manufacturing Systems
- Scheduling, Simulation, Queuing Systems and Petri Nets in Manufacturing Systems
- Synthesis and Analysis Techniques, Performance Evaluation and Reliability
- Discrete and Continuous Industrial Automation Systems
- Automated Manufacturing Systems and Enterprise Integration
- Application of Service-Oriented Technologies
- Test Cases, Benchmarks and Tools
- Applications and Experiences in Practice
- Recent Developments in Standardization
- Resource Allocation Systems in Manufacturing
- Fault Diagnosis, State-Estimation and Identification

**Further Information:** ETFA'12 Conference Secretariat: [contact@etfa2012.org](mailto:contact@etfa2012.org)

**Conference Format:** The conference will comprise multi-track sessions for regular papers, to present significant and novel research results with a prospect for a tangible impact on the research area and potential implementations; work-in-progress (WIP) sessions; panel discussions on the state-of-the-art and emerging trends, involving leading experts from industry and academia; and public discussion sessions moderated by leading experts in the field of industrial automation systems.

**Submission of Papers:** The working language of the conference is English. Two types of submissions are solicited. Long Papers – limited to 8 double column pages in a font no smaller than 10-points. Work-in-Progress and Industry practice – limited to 4 double column pages in a font no smaller than 10-points. Manuscripts must be submitted electronically in PDF format, according to the instructions contained in the Conference web site.

**Best Paper Award:** Best paper awards in Factory Automation and Emerging Technologies will be presented at the conference banquet dinner. Authors of outstanding papers will be invited to submit a revised version of their papers for publication in a special section of a leading journal.

**Paper Acceptance:** Each accepted paper must be presented at the conference by one of the authors. The final manuscript must be accompanied by a registration form and a registration fee payment proof. All conference attendees, including authors and session chairpersons, must pay the conference registration fee, and their travel expenses.

**No-show Policy:** The ETFA 2012 Organizing Committee reserves the right to exclude a paper from distribution after the conference at IEEE Xplore if the paper is not presented at the conference.

**Author's Schedule:**

*Deadline for submission of long and special sessions papers:* **March 25, 2012**

*Notification of acceptance of long papers:* May 30, 2012

*Deadline for submission of work-in-progress papers and Industry practice:* June 8, 2012

*Notification of acceptance of work-in-progress papers and Industry practice:* July 1, 2012

*Deadline for submission of final manuscripts – long and special sessions:* July 8, 2012

*Deadline for submission of final manuscripts – work-in-progress papers and Industry practice:* July 8, 2012



