

17th IEEE International Conference on Emerging Technologies & Factory Automation

Track Technical Program Committee

Masanori Akiyoshi, Osaka University, Japan

Jose Barata, Universidade Nova de Lisboa, Portugal Simona Bernardi, Academia General

Militar, Spain Jean-Louis Boimond, ISTIA - LISA,

France Maria Paola Cabasino, Università di

Cagliari, Italy Javier Campos, Universidad de

Zaragoza, Spain José Manuel Colom, Universidad de

Zaragoza, Spain Isabel Demongodin, LSIS, Marseille, France

Mariagrazia Dotoli, Politecnico di Bari, Italy

Maria Pia Fanti, Politecnico di Bari, Italy Jean-Marc Faure, LURPA, Cachan, France

Alexander Fay, Universität der Bundeswehr Hamburg, Germany Bernard Grabot, LGP-ENIT, France Jorge Julvez, Universidad de Zaragoza, Spain

Marius Kloetzer, Technical University "Gh. Asachi"of Iasi, Romania Mihaela Matcovschi, Technical University "Gh. Asachi"of Iasi, Romania

Gasper Music, University of Ljubljana, Slovenia Andrea Paoli, University of Bologna,

Italy

Joerg Raisch, Technische Universitaet Berlin, Germany

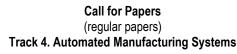
Riccardo Rasconi, Institute of Cognitive Sciences and Technologies, Rome, Italy

Spyros Reveliotis, Georgia Tech, USA Arthur Tay, National University of

Singapore, Singapore Antonio Valentini, O3neida Europe, Belgium

Armin Zimmermann, Technische

Universität Ilmenau, Germany



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

17-21 September 2012, Kraków, Poland

Track co-Chairs Cristian Mahulea, University of Zaragoza, Spain Carla Seatzu, University of Cagliari, Italy {cmahulea@unizar.es, seatzu@diee.unica.it}

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

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







