17th IEEE International Conference on Emerging Technologies & Factory Automation

ETFA' 2012

17-21 September 2012, Kraków, Poland

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(Provisional)

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Conference website:
http://www.etfa2012.org

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

Call for Papers
Track 5. Industrial Control

Track Co-Chairs:

Anton Cervin, Lund University, Sweden (anton@control.lth.se)
Grzegorz Granosik, Technical University of Lodz, Poland (granosik@p.lodz.pl)

Topics within the scope of the track: This track focuses on the critical issues in industrial control. Industrial control addresses the use of sensors, metrology, and algorithms to monitor equipment, processes, and products to provide actionable information for maintenance and control. The successful application of industrial control draws from the domain expertise of multiple disciplines that are typically responsible for delivering separate elements of the complete solution, such as IT/factory automation, process technology, control engineering, yield management, safety engineering, etc. Topics of special interest include, but are not limited to:

- Process Monitoring and Control
- Equipment Monitoring and Control
- Supervisory Control
- Fault Detection and Management
- Process Modeling and Optimization
- Control Performance Assessment
- Industrial Control Applications
- Large-Scale Systems
- Computer Implementation of Control Systems
- Co-Design of Control, Computing and Communication
- Co-Design of Diagnosis and Dependability
- Safety Issues in Industrial Control

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

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 in IEEE Transactions on Industrial Informatics.

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.

Further Information: ETFA'12 Conference Secretariat: contact@etfa2012.org