Cal for papers
(regular papers)

Track 2. Industrial Communication Systems

Track Co-Chairs
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Topics: The goal of the Industrial Communication Systems Track is to bring together academic and industrial experts to present the latest advances and to exchange their experiences and practices. This Track specifically focuses on industrial communication technologies, including modeling, analysis and synthesis of provably correct systems, as well as application requirements, implementations, performance evaluation and case studies. Original contributions in these areas are solicited.

Topics include, but are not limited to, the following areas:
- Industrial Ethernet networks;
- Industrial wireless networks;
- Industrial Fieldbus networks;
- Automotive and avionic networks;
- Home and building automation networks;
- Wireless sensor networks;
- Power system automation networks;
- Smart grids and powerline communications;
- IP-based and web-based communications;
- Middleware for industrial communications;
- Middleware for decentralized control;
- Real-time communication and synchronization;
- QoS and performance issues;
- Safety and redundancy management protocols;
- Security in industrial communications;
- Networked control systems;
- Integration of automation networks;
- Industrial communication case studies.

Further Information: ETFA'13 Conference Secretariat: contact@etfa2013.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 instructions 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 2013 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 15, 2013
Notification of acceptance of long papers: May 15, 2013
Deadline for submission of work-in-progress papers and Industry practice: May 20, 2013
Notification of acceptance of work-in-progress papers and Industry practice: June 20, 2013
Deadline for submission of final manuscripts – long and special sessions: July 1, 2013
Deadline for submission of final manuscripts – work-in-progress papers and Industry practice: July 1, 2013