

September 8-11, 2015, Luxembourg

Track Program Committee

- Akira Yanou, Okayama Univ., Japan
- Andrzej Dębowski, Technical University of Lodz, Poland
- Armando W. Colombo, Schneider Electric, Germany
- Arthur Tay National University of Singapore, Singapore
- Asier Ibeas, Universitat Autònoma de Barcelona, Spain
- Axel Busboom, Controls and Embedded Systems Lab, Munchen, Germany
- Blaise Conrad, Université de Lille1, France
- Daniel Sbarbaro, Universidad de Concepción, Chile
- Daniel Simon, INRIA Rhone-Alpes, France
- Daniel Rivera, Arizona State University, Arizona, USA
- Fotis Koumboulis, Halkis Institute of Technology, Greece
- Francisco Vázquez, Universidad de Córdoba, Spain
- Gregorio I. Sainz, Universidad de Valladolid, Spain
- Guy Juanole, Univ. Toulouse III, France
- Hector Benitez, National Autonomous University of Mexico
- Juan Jose Gude, Univ. Deusto, Spain
- Julio Normey-Rico, Univ. federal Santa Caterina, Brasil
- Kostas Tsakalis, Arizona State University, USA
- Arndt Lüder, Otto-v.-Guericke Universität, Germany
- Luís Gomes, Univ. Nova Lisboa, Portugal
- Liuping Wang, RMIT University, Melbourne, Australia
- M. Chidambaram, IIT Madras, India
- Maria Jesus de la Fuente, Universidad de Valladolid, Spain
- Manuel Beschli, National Research Council, Italy
- Marian Barbu, Dunarea de Jos Univ. Galati, Rumania
- Mireille Bayart, Univ. de Lille1, France
- Nidhal Rezg, University of Lorraine, France
- Orlando Arrieta, Universidad de Costa Rica, Costa Rica
- Paul Young, Dublin City University, Dublin, Ireland
- Petter Falkman, Chalmers University of Technology, Sweden
- Reza Katebii, Univ. of StrathClyde, UK
- Silvio Simani, University of Ferrara, Italy
- Simona Caramihai, University "Politehnica" of Bucharest, Romania
- Tao Liu, Dalian University of Technology, China
- Takao Sato, University of Hyogo, Japan
- Tore Haggglund, Lund University, Sweden
- Toru Yamamoto, Hiroshima University, Japan,

Call for Papers

Track 5. Industrial Control

Track Co-Chairs

Ramon Vilanova, Universitat Autònoma de Barcelona, Spain (Ramon.Vilanova@uab.cat)
 Antonio Visioli, University of Brescia, Italy (antonio.visioli@unibs.it)

Focus 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
- Intelligent 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
- Environmental implications of Control Systems

Aim: The aim of the conference is to bring together researchers and practitioners from the industry and academia and provide them with a platform to report on recent advances and developments in the newly emerging areas of technology, as well as actual and potential applications to industrial and factory automation.

Solicited Papers: Research papers reporting on new developments in technological sciences. Industry and development papers reporting on actual developments of technology, products, systems and solutions. Tutorial and survey papers. Work-in-progress papers. In addition, ETFA 2015 solicits special session proposals to stimulate in-depth discussions in special areas relevant to the conference theme. Please consult the conference web page for more details.

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 papers – 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.

Further Information: ETFA2015 Conference Secretariat: Tel.: +352 / 46 66 44-5810; Fax.: +352 / 46 66 44-5200; Email: etfa2015@uni.lu

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 ETFA2015 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 regular and special sessions papers:
- Notification of acceptance of regular and special sessions papers:
- Deadline for submission of work-in-progress papers and Industry practice:
- Notification of acceptance of work-in-progress papers and Industry practice:
- Deadline for submission of final manuscripts – regular and special sessions:
- Deadline for submission of final manuscripts – work-in-progress papers and Industry practice:

- April 15, 2015**
- May 15, 2015
- May 20, 2015
- June 20, 2015
- July 1, 2015
- July 1, 2015

<http://www.etfa2015.org>