ETFA 2026 Västerås Sweden 8-11 September

31st IEEE International Conference on Emerging Technologies and Factory Automation

Call for Papers - Track 5
Industrial Control

Track chairs
Antonio Visioli, University of Brescia, Italy,
antonio.visioli@unibs.it
Takao Sato, University of Hyogo, Japan,
tsato@eng.u-hyogo.ac.jp

FOCUS. This track is focused 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

- ❖ Process Monitoring and Control
- ❖ Equipment Monitoring and Control
- ❖ Supervisory Control
- ❖ Intelligent Control
- ❖ Process Modeling and Optimization
- ❖ Control Performance Assessment
- ❖ Industrial Internet of Things
- ❖ Industrial Control Applications
- ❖ Computer Implementation of Control Systems
- ❖ Safety Issues in Industrial Control
- ❖ Environmental Implications of Control Systems
- ❖ Fault-Tolerant Control Systems
- ❖ Event-Based Control Design
- ❖ Control of Processes with Delay

Track Program Committee

- ❖ Orlando Arrieta, *University of Costa Rica, Costa Rica*
- ❖ Manuel Beschi, *University of Brescia, Italy*
- ❖ Axel Busboom, *Munich University of Applied Sciences, Germany*
- ❖ Martin Cech, *University of West Bohemia, Czech Republic*
- ❖ María Jesús de la Fuente, *University of Valladolid, Spain*
- ❖ Gregory Faraut, *ENS Paris-Saclay, France*
- ❖ Georg Frey, *Saarland University, Germany*
- ❖ Asier Ibeas, *Autonomous University of Barcelona, Spain*
- ❖ Shinichi Imai, *Tokyo Gakugei University, Japan*
- ❖ Clara Ionescu, *Ghent University, Belgium*
- ❖ Prakash Jagadeesan, *Anna University, India*
- ❖ Takuya Kinoshita, Hiroshima University, Japan
- ❖ Marius Kloetzer, *Technical University of Iasi, Romania*
- ❖ Fotis N. Koumboulis, *National and Kapodistrian University of Athens, Greece*
- ❖ Tao Liu, Dalian University of Technology, China
- ❖ Cristian Mahulea, University of Zaragoza, Spain
- ❖ Agostino Marcello Mangini, *Polytechnic University of Bari, Italy*
- ❖ Paulo Moura Oliveira, *UTAD University, Portugal*
- ❖ Fabrizio Padula, *Curtin University, Australia*
- ❖ Radu-Emil Precup, *Politehnica University of Timişoara, Romania*
- ❖ G. Lloyds Raja, *National Institute of Technology Patna, India*
- ❖ Edgar Ramirez-Laboreo, *University of Zaragoza, Spain*
- ❖ Seshagiri Rao Ambati, *Indian Institute of Petroleum and Energy, India*
- ❖ Jose David Rojas, *University of Costa Rica, Costa Rica*
- ❖ Dan Selisteanu, *University of Craiova, Romania*
- ❖ Francisco Vázquez, *University of Cordoba , Spain*
- ❖ Ramon Vilanova , *Universitat Autonoma Barcelona, Spain*
- ❖ Bor-Jiunn Wen, *National Taiwan Ocean University, Taiwan*
- ❖ Akira Yanou, *Kawasaki University of Medical Welfare, Japan*

❖ **AIM.** The aim of the conference is to bring together the international community to present the latest research results, share new ideas and engineering breakthroughs, and discuss state-of-the-art challenges and future directions in technology and innovation in the broad domain of Automation with a focus on Industrial and Factory Automation.

❖ **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, as well as work-in-progress (WiP) and industry practice sessions.

❖ **AUTHOR'S SCHEDULE (2026)**

❖Regular and special sessions papers
- Submission deadline .... April 19
- Acceptance notification .... May 25
- Deadline for final manuscripts ..…........... July 4

❖Work-in-progress/Industry practice papers
- Submission deadline .... May 31
- Acceptance notification ....…..........…... June 19
- Deadline for final manuscripts .... July 4

IEEE · ies · Mälardalen University

etfa2026.ieee-ies.org