

Call for Papers Track 5 - Industrial Control

Track co-chairs

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❖ **FOCUS.** 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

- ❖ Process Monitoring and Control
- ❖ Equipment Monitoring and Control
- ❖ Supervisory Control
- ❖ Intelligent Control
- ❖ Process Modelling 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

❖ **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.

❖ **CONFERENCE FORMAT.** The conference will comprise multitrack 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.

❖ AUTHOR'S SCHEDULE (2019)

❖ Regular and special sessions papers

Submission deadline March 2
Acceptance notification May 6
Deadline for final manuscripts June 17

❖ Work-in-progress/ Industry practice papers

Submission deadline May 13
Acceptance notification June 10
Deadline for final manuscripts June 17

👤 Track Programme Committee

- ❖ Arthur Tay, *National University of Singapore*
- ❖ Asier Ibeas, *Autonomous University of Barcelona*
- ❖ Axel Busboom, *GE Global Research*
- ❖ Blaise Conrad, *Université Lille*
- ❖ Clara M. Ionescu, *Ghent University*
- ❖ Daniel Rivera, *Arizona State University*
- ❖ Daniel Sbárbaro Hofer, *Universidad de Concepción*
- ❖ Fabrizio Padula, *Curtin University*
- ❖ Francisco Vázquez, *University of Cordoba*
- ❖ Gilberto Reyoso-Meza, *Pontificia Universidade Católica do Paraná*
- ❖ Gregorio I. Sainz, *University of Valladolid*
- ❖ Henry Bory Prevez, *University of Oriente*
- ❖ Jean-Marc Thiriet, *Grenoble Images Speech Signal and Control Lab*
- ❖ Jose Luis Guzman, *Universidad de Almería*
- ❖ Juan Jose Gude, *University of Deusto*
- ❖ Kostas Tsakalis, *Arizona State University*
- ❖ Liuping Wang, *Royal Melbourne Institute of Technology*
- ❖ M. Jesus Fuente, *University of Valladolid*
- ❖ Margret Bauer, *University of Pretoria*
- ❖ Manuel Beschi, *National Research Council of Italy*
- ❖ Marian Barbu, *University of Galati*
- ❖ Martin Cech, *University of West Bohemia Pilsen*
- ❖ Matilde Santos, *Universidad Complutense de Madrid*
- ❖ Navid Salehi, *Technical University of Catalonia*
- ❖ Bysret Tan, *Inonu University*
- ❖ Orlando Arrieta, *University of Costa Rica*
- ❖ Paulo Moura Oliveira, *University of Trás-os-Montes and Alto Douro*
- ❖ Raffaele Carli, *Polytechnic of Bari*
- ❖ S. Rasoul Aghazadeh Dafsari, *Technical University of Catalonia*
- ❖ Robin de Keyser, *Ghent University*
- ❖ Silvio Simani, *University of Ferrara*
- ❖ Simona I. Caramihai, *Universitatea Politehnica din Bucuresti*
- ❖ Takao Sato, *University of Hyogo*
- ❖ Tao Liu, *Dalian University of Technology*
- ❖ Tore Hägglund, *Lund University*
- ❖ Toru Yamamoto, *Hiroshima University*
- ❖ Prakash Jagadeesan, *Anna University in Chennai*
- ❖ Julio Elias Normey-Rico, *Universidade Federal de Santa Catarina*
- ❖ Yolanda Bolea-Monte, *Technical University of Catalonia*