

Call for Papers Track 5 –Industrial Control

Track co-chairs

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- ❖ **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

- ❖ **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 (2023)

❖ Regular and special sessions papers

Submission deadline March 31
Acceptance notification May 5
Deadline for final manuscripts June 16

❖ Work-in-progress/ Industry practice papers

Submission deadline May 12
Acceptance notification June 9
Deadline for final manuscripts June 16

Track Programme Committee

- ❖ Orlando Arrieta, *University of Costa Rica, Costa Rica*
- ❖ Marian Barbu, *Dunarea de Jos University of Galati, Romania*
- ❖ Manuel Beschi, *University of Brescia, Italy*
- ❖ Axel Busboom, *Munich University of Applied Sciences, Germany*
- ❖ Raffaele Carli, *Polytechnic of Bari, Italy*
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- ❖ M.J. de la Fuente, *University of Valladolid, Spain*
- ❖ Juan Jose Gude, *University of Deusto, Spain*
- ❖ Asier Ibeas, *Autonomous University of Barcelona, Spain*
- ❖ Clara M. Ionescu, *Ghent University, Belgium*
- ❖ Prakash Jagadeesan, *Anna University in Chennai, India*
- ❖ Fotis Koumboulis, *National and Kapodistrian University of Athens, Greece*
- ❖ Tao Liu, *Dalian University of Technology, China*
- ❖ Jose Lopez Vicario, *Autonomous University of Barcelona, Spain*
- ❖ Cristian Mahulea, *University of Zaragoza, Spain*
- ❖ Paulo Moura Oliveira, *University of Trás-os-Montes and Alto Douro, Portugal*
- ❖ Julio Elias Normey-Rico, *Universidade Federal de Santa Catarina, Brazil*
- ❖ Fabrizio Padula, *Curtin University, Australia*
- ❖ Carles Pedret, *Autonomous University of Barcelona, Spain*
- ❖ Radu-Emil Precup, *Politehnica University of Timisoara, Romania*
- ❖ Gilberto Reynoso Meza, *Pontificia Universidade Católica do Paraná, Brazil*
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- ❖ Silvio Simani, *University of Ferrara, Italy*
- ❖ Francisco Vázquez, *University of Cordoba, Spain*
- ❖ Ramon Vilanova, *Autonomous University of Barcelona, Spain*
- ❖ Erhan Yumuk, *Istanbul Technical University, Turkey*
- ❖ Toru Yamamoto, *Hiroshima University, Japan*