Call for Papers
Track 9 – Complex Automation Systems and Systems Engineering

Track co-chairs

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👥 TRACK PROGRAM COMMITTEE

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FOCUS

The track is focused on the system level design of complex technical systems, such as industrial Cyber Physical (Production) Systems, covering the complete system life cycle emphasizing the impact of all life cycle phases on control system design, implementation, and use. It focusses on the multi-disciplinary and multi-model nature of the related engineering tasks.

TOPICS

- ❖ Systems Engineering, Systems-of-Systems Engineering, Systems Architecture
- ❖ Model Driven Engineering and Engineering Process Management
- ❖ Information Management in Engineering
- ❖ Humans in Engineering
- ❖ Complex Automation Systems for Cyber-Physical Systems
- ❖ Distributed Control Systems and Decision-making for Complex Systems
- ❖ Cloud and Edge/Fog Computing in Automation
- ❖ Digital Twin, Digital Shadow, Asset Administration Shell
- ❖ Large-Scale System Integration and Verification
- ❖ Scalability and Complexity Management
- ❖ Modularity, Composability and Complexity in Autonomous Systems
- ❖ Case Studies and application reports from factory and process automation, automotive applications, transportation systems, district and urban automation and systems, energy systems, eHealth automation systems

AIM

The ETFA 2024 conference brings together professionals from industry and academia to share cutting-edge concepts, recent developments, research results, and practical achievements in industrial and factory automation. The key goal is to foster the enhancement and application of scientific techniques, models, and tools that support the efficient design and operation of industrial and factory automation systems.

SOLICITED PAPERS

♦ Original Research (Regular) ♦ Surveys ♦ Industry practice ♦ Work-in-progress
The working language of the conference is English, For submission rules, please refer to the Author's Instruction on the conference website.

PAPER ACCEPTANCE

Accepted, registered, and presented papers will be copyrighted by IEEE and published in the conference proceedings. The proceedings will be available in the IEEE Xplore® Digital Library. The final manuscript must be accompanied by a registration form and a registration fee payment proof and it is mandatory that at least one author attends and presents the paper at the conference. Failure to adhere to these guidelines may result in paper exclusion from post-conference distribution via IEEEXplore by the ETFA 2024 Organizing Committee. All conference attendees must pay the conference registration fee and cover their own personal expenses for travel and accommodations.

AUTHOR'S SCHEDULE 2024

❖**Regular and special sessions papers**

Submission deadline	**April 28th**
Acceptance notification	May 31st
Deadline for final manuscripts	July 1st

❖**Work-in-progress/ Industry practice papers**

Submission deadline	**May 26th**
Acceptance notification	June 17th
Deadline for final manuscripts	July 1st

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