



Call for Papers

Track 1 – Information Technology in Automation

Track Chairs

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FOCUS. The track focuses on developing, adopting, and applying information technology (IT) for automation systems.

TOPICS

- ❖ IT Modeling Techniques for Automation Systems
- ❖ Model Driven Development and Model-Based Engineering in Automation and Mechatronic Systems
- ❖ Data Modeling along the Plant Life Cycle
- ❖ Domain Specific Modeling and Programming Languages
- ❖ Knowledge-Based Systems, Ontologies, and Semantic Web in the Engineering of Automation Systems
- ❖ IT System Architecture Techniques in Automation Systems
- ❖ Vertical Integration, Integration with MES and ERP Systems
- ❖ Information Technology/Operation Technology Convergence
- ❖ Digital Twins
- ❖ Automation Systems and the Circular Economy (Product Pass)
- ❖ Industrial Internet of Things
- ❖ Energy Management in and by Automated Systems
- ❖ Engineering Methods for Distributed Automation Systems and Cyber-Physical (Production) Systems
- ❖ Software Reuse, Software Product Lines, Managing Variability, and other Software Engineering Methods Automation
- ❖ Dynamically Reconfigurable, Adaptive and Emergent Automation Software/Systems
- ❖ AI and ML in Automation
- ❖ Security and Safety in Automation
- ❖ Case Studies and Application Reports on these Topics

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 IEEE Xplore 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**

TRACK PROGRAM COMMITTEE

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