



#### AIM

ETFA 2024 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

#### TECHNICAL TRACKS

- ❖ Information Technology in Automation  
Track Chairs: Wolfgang Kastner, Austria; Alois Zoitl, Austria.
- ❖ Industrial Communication Technologies and Systems  
Track Chairs: Svetlana Girs, Sweden; Claudio Zunino, Italy.
- ❖ Real-Time Systems and Applications  
Track Chairs: Mohammad Ashjaei, Sweden; Mitra Nasri, Netherlands.
- ❖ Automated Manufacturing Systems  
Track Chairs: Ricardo J. Rodriguez, Spain; Michael Weyrich, Germany.
- ❖ Industrial Control  
Track Chairs: Takao Sato, Japan; Antonio Visioli, Italy.
- ❖ Computer Vision and Human-Machine Interaction in Industrial and Factory Automation  
Track Chairs: Giancarlo Iannizzotto, Italy; Javier Silvestre-Blanes, Spain.
- ❖ Intelligent Robots & Systems  
Track Chairs: Andrea Bonci, Italy; Cristian Mahulea, Spain.
- ❖ Advanced Sensing Technologies for the Industrial Internet of Things Era  
Track Chairs: Inés Alvares Vadillo, Sweden; Luca Leonardi, Italy.
- ❖ Complex Automation Systems and Systems Engineering  
Track Chairs: Arndt Lueder, Germany; Christian Neureiter, Austria.
- ❖ Artificial Intelligence for Cyber-Physical Systems in Automation  
Track Chairs: Tullio Facchinetti, Italy; Lukasz Wisniewski, Germany.
- ❖ Vehicular Embedded Systems  
Track Chairs: Ramez Daoud, Egypt; Saad Mubeen, Sweden.

#### SPECIAL SESSIONS

Special Sessions provide an opportunity to focus on emerging topics that are not included in the main technical tracks of the conference and/or to stimulate in-depth discussions in special areas that are consistent with the conference themes.

#### WORKSHOPS

Workshop proposals addressing cutting-edge research and technological developments are encouraged. Workshops will be held on September 10<sup>th</sup>, 2024. Deadline for submission of Workshop proposals: March 1<sup>st</sup>, 2024. Acceptance notification: March 10<sup>th</sup>, 2024.

#### INDUSTRY DAY

The Industry Day focuses on industry trends for the implementation of factory automation and emerging technologies in processes and products. It serves as a forum for the exchange of ideas between researchers and practitioners from academia and industry. The event is scheduled for September 10<sup>th</sup>, 2024.

#### SUBMISSION OF PAPERS

The working language of the conference is English. Two types of submissions are solicited. Original Research (Regular) and Survey papers are limited to 8 double column pages in a font no smaller than 10-points. Work-in-Progress and Industry practice papers are limited to 4 double column pages in a font no smaller than 10-points. Manuscripts must be submitted electronically in PDF format, according to the instructions contained in the Authors section.

#### 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.

#### BEST PAPER AWARDS

Best paper awards in Factory Automation and Emerging Technologies will be presented at the conference banquet dinner.

#### CONFERENCE VENUE

ETFA 2024 is jointly organized by the National Research Council of Italy and the University of Padova. The conference is scheduled to take place in Padova, Italy, a historic town located in the northeast of the country. Among the notable sites in Padova are the Cathedral of St. Anthony, the Scrovegni Chapel (recognized as a World Heritage Site by UNESCO), and the Botanical Garden. Padova also has excellent and fast connections to other historical towns, such as Vicenza, Verona, Treviso and Venice.

#### AUTHOR'S SCHEDULE 2024

##### ❖ Regular and special sessions papers

Submission deadline ..... April 28<sup>th</sup>  
Acceptance notification ..... May 31<sup>st</sup>  
Deadline for final manuscripts ..... July 1<sup>st</sup>

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

Submission deadline ..... May 26<sup>th</sup>  
Acceptance notification ..... June 17<sup>th</sup>  
Deadline for final manuscripts ..... July 1<sup>st</sup>

#### COMMITTEE MEMBERS

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