ETFA 2023

28th INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION

SINAIA, ROMANIA
SEPTEMBER, 12th-15th, 2023

AIM

The ETFA conference brings together experts from industry and academia to disseminate novel ideas and emerging trends, research results and practical achievements in the area of industrial and factory automation. The ultimate goal is fostering the development and adoption of scientific methods, models, and tools for the efficient design and operation of industrial and factory automation systems.

SOLICITED PAPERS

Research papers. Survey papers. Work-in-progress and Industry practice papers.

TECHNICAL TRACKS

- Information Technology in Automation
  Track Chairs: Alois Zoitl, Austria; Wolfgang Kastner, Austria
- Industrial Communication Technologies and Systems
  Track Chairs: Svetlana Girs, Sweden; Federico Tramarin, Italy
- Real-Time (and Networked) Embedded Systems
  Track Chairs: Mohammad Ashjaei, Sweden; Gaetano Patti, Italy
- Automated Manufacturing Systems
  Track Chairs: Michael Weyrich, Germany; Ricardo J. Rodriguez, Spain
- Industrial Control
  Track Chairs: Takao Sato, Japan; Antonio Visioli, Italy
- Computer Vision and Human-Machine Interaction in Industrial and Factory Automation
  Track Chairs: Javier Silvestre-Blanes, Spain; Giancarlo Iannizzotto, Italy
- Intelligent Robots & Systems
  Track Chairs: Eduardo Montijano, Spain; Andrea Bonci, Italy
- Intelligent Sensors, Sensor Networks, and Information Processing
  Track Chairs: Alessandro Biondi, Italy; Frank Golatowski, Germany
- Complex Automation Systems and Systems Engineering
  Track Chairs: Arndt Lueder, Germany; Luca Ferrarini, Italy
- Artificial Intelligence for Cyber-Physical Systems in Automation
  Track Chairs: Tullio Facchinetti, Italy; Liviu Miclea, Romania
- Vehicular Embedded Systems
  Track Chairs: Saad Mubeen, Sweeden; Ramez Daoud, Egypt

BEST PAPER AWARDS

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

SPECIAL SESSIONS

Special Sessions provide the opportunity to focus on particular emerging topics that are not covered in the conference's main technical tracks and/or to stimulate in-depth discussions in special areas relevant to the conference theme.

WORKSHOPS

Workshop proposals to address cutting edge research and developments in technological sciences are welcome. The Workshops will be held on September 12, 2023. Deadline for submission of Workshop proposals: April 14, 2023. Acceptance notification: April 21, 2023.

INDUSTRY DAY

The Industry Day offers an opportunity to exchange views with researchers and practitioners from academia and industry.
The Industry Day will be held on September 12, 2023.

SUBMISSION OF PAPERS

The working Language of the conference is English. Two types of submissions are solicited. Regular 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

Each accepted paper must be presented at the conference by one of the authors, otherwise the ETFA2023 Organizing Committee reserves the right to exclude it from distribution after the conference to IEEEXplore. The final manuscript must be accompanied by a registration form and a registration fee payment proof. All conference attendees must pay the conference registration fee and their travel, accommodation, and other personal expenses.

CONFERENCE VENUE

The ETFA 2023 will be organized by the "Dunarea de Jos" University of Galati, one of the leading Universities in Romania. The conference will take place in Sinaia, located at at 120 km distance from Bucharest and 49 km from Brasov, on Prahova Valley. Sinaia is one of the most famous and oldest mountain tourist resorts in Romania, known as "The Carpathian Pearl". Conference Venue Will be Casino Sinaia.

AUTHOR'S SCHEDULE (2023)

❖**Regular and special sessions papers**
Submission deadline .... May 5
Acceptance notification .... June 9
Deadline for final manuscripts .... July 21

❖**Work-in-progress/ Industry practice papers**
Submission deadline .... May 12
Acceptance notification .... June 9
Deadline for final manuscripts .... June 16

COMMITTEE MEMBERS

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Marian Barbu (Romania)

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