ETFA

29TH INTERNATIONAL CONFERENCE
ON EMERGING TECHNOLOGIES
AND FACTORY AUTOMATION

2024

PADOVA, ITALY
SEPTEMBER 10TH-13TH 2024

Call for Papers
Track 6 - Computer Vision and Human-Machine Interaction in Industrial and Factory Automation

Track chairs

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FOCUS

The track focuses on cutting-edge and current research in computer vision, activity and object detection/recognition and human factors for Human-Machine Interaction in industrial applications.

TOPICS

❖ Computer vision systems
❖ Machine vision technology for flexible factory automation
❖ Image and video processing, analysis and interpretation
❖ Monitoring and surveillance
❖ Vision-based human-machine interaction
❖ Multimodal communication
❖ Human activity and behavior understanding
❖ Human-machine interface design and evaluation
❖ Virtual, mixed, and augmented reality
❖ Mobile, wearable and ubiquitous computing
❖ System and user evaluation
❖ Information visualization

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		❖ Work-in-progress/ Industry practice papers	
Submission deadline	**April 28th**	Submission deadline	**May 26th**
Acceptance notification	May 31st	Acceptance notification	June 17th
Deadline for final manuscripts	July 1st	Deadline for final manuscripts	July 1st

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