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, object detection/recognition and human factors for Human-Machine Interaction in industrial and Factory 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
- ❖ 3D Computer Vision
- ❖ Edge Computing
- ❖ Vision & Robotics
- ❖ Dataset & Benchmarking

Track Program Committee

- ◆ **Jacopo Aleotti,** *University of Parma, Italy*
- ◆ **Kosmas Alexopoulos,** *University of Patras, Greece*
- ◆ **Dorian Cojocaru,** *University of Craiova, Romania*
- ◆ **Tullio Facchinetti,** *University of Pavia, Italy*
- ◆ **Tomislav Hrkac,** *University of Zagreb, Croatia*
- ◆ **Vijay Kakani,** *Inha University, Korea*
- ◆ **Riccardo Monica,** *University of Parma, Italy*
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- ◆ **António Neves,** *University of Aveiro, Portugal*
- ◆ **Andrea Nucita,** *University of Messina, Italy*
- ◆ **Pablo Gil,** *Universidad de Alicante, Spain*
- ◆ **Michal Kawulok,** Silesian University of Technology, Poland
- ◆ **Marco Leo,** CNR, Italy
- ◆ **Alejandro Magaña Flores,** ZEISS Digital Innovation, Germany
- ◆ **Alberto Tellaeche,** University of Deusto, Spain
- ◆ **Tadele-Belay Tuli,** University of Siegen, Germany

❖ **AIM.** The aim of the conference is to bring together the international community to present the latest research results, share new ideas and engineering breakthroughs, and discuss state-of-the-art challenges and future directions in technology and innovation in the broad domain of Automation with a focus on Industrial and Factory Automation.

❖ **CONFERENCE FORMAT.** The conference will comprise multi-track sessions for regular papers, to present significant and novel research results with a prospect for a tangible impact on the research area and potential implementations, as well as work-in-progress (WiP) and industry practice sessions.

❖ **AUTHOR'S SCHEDULE (2025)**

❖Regular and special sessions papers
Submission deadline .... April 18
Acceptance notification .... May 23
Deadline for final manuscripts .... July 4

❖Work-in-progress/Industry practice papers
Submission deadline .... May 30
Acceptance notification .... June 20
Deadline for final manuscripts .... July 4