

## Call for Papers - Track 6

### Computer Vision and Human-Machine Interaction in Industrial and Factory Automation

#### Track chairs

Javier Silvestre-Blanes §, Universitat Politècnica de València, Spain

Giancarlo Iannizzotto \*, Università di Messina, Italy

§jsilves@disca.upv.es

\*giancarlo.iannizzotto@unime.it

**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 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 and Interpretation
- ❖ Edge Computing applied to computer vision
- ❖ Benchmarks for computer vision

❖ **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 (2026)

##### ❖ Regular and special sessions papers

Submission deadline ..... April 19  
Acceptance notification ..... May 25  
Deadline for final manuscripts ..... July 4

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

Submission deadline ..... May 31  
Acceptance notification ..... June 19  
Deadline for final manuscripts ..... July 4

#### Track Program Committee

- ❖ Jacopo Aleotti, *University of Parma, Italy*
- ❖ Martin Atzmueller, *Osnabrück University, Germany*
- ❖ Kosmas Alexopoulos, *University of Patras, Greece*
- ❖ Tullio Facchinetti, *University of Pavia, Italy*
- ❖ Marielet Guillermo, *National University, Philippines*
- ❖ Tomislav Hrkac, *University of Zagreb, Croatia*
- ❖ Vijay Kakani, *Inha University, Korea*
- ❖ Michal Kozielecki, *Lukasiewicz AI, Poland*
- ❖ Riccardo Monica, *University of Parma, Italy*
- ❖ Pedro Neto, *University of Coimbra, Portugal*
- ❖ Andrea Nucita, *University of Messina, Italy*
- ❖ Pablo Gil, *Universidad de Alicante, Spain*
- ❖ Jakub Grela, *AGH University of Science and Technology Krakow, Poland*
- ❖ Michal Kawulok, *Silesian University of Technology, Poland*
- ❖ Marco Leo, *CNR, Italy*
- ❖ Mihoko Nitsuma, *Chuo University, Japan*
- ❖ Alejandro Magaña Flores, *ZEISS Digital Innovation, Germany*
- ❖ Tobias Schlosser, *Dresden University, Germany*
- ❖ Alberto Tellaeche, *University of Deusto, Spain*
- ❖ Tadele-Belay Tuli, *University of Siegen, Germany*