



Call for Papers

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

Track chairs

Javier Silvestre-Blanes[§], Giancarlo Iannizzotto[◆]

[§] Universitat Politècnica de València, Spain, jsilves@disca.upv.es
[◆] Università di Messina, Italy, ianni@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

❖ **AIM.** The aim of the conference is to bring together researchers and practitioners from the industry and academia and provide them with a platform to report on recent advances and developments in the newly emerging areas of technology, as well as actual and potential applications to 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 (2022)

❖ Regular and special sessions papers

Submission deadline April 1
Acceptance notification May 6
Deadline for final manuscripts June 17

❖ Work-in-progress/Industry practice papers

Submission deadline May 13
Acceptance notification June 10
Deadline for final manuscripts June 17

Track Program Committee

- ❖ Jacopo Aleotti, *University of Parma, Italy*
- ❖ Jose Alfonso Antonino Daviu, *Universitat Politècnica de València, Spain*
- ❖ Giuseppe Bernava, *Institute for Chemical-Physical Processes (IPCF), National Research Council of Italy, Messina, Italy*
- ❖ Maria De Marsico, *University of Rome "La Sapienza", Italy*
- ❖ Tullio Facchinetti, *University of Pavia, Italy*
- ❖ Pablo Gil, *Universidad de Alicante, Spain*
- ❖ Vijay Kakani, *Inha University, Korea*
- ❖ Michal Kawulok, *Silesian University of Technology, Poland*
- ❖ Alejandro Magaña Flores, *Institut für Werkzeugmaschinen und Betriebswissenschaften (IWB), Germany*
- ❖ Gonçalo Marques, *Polytechnic of Coimbra, Portugal*
- ❖ João Martins, *Universidade Nova de Lisboa, Portugal*
- ❖ Pedro Neto, *University of Coimbra, Portugal*
- ❖ Ricardo Monica, *University of Parma, Italy*
- ❖ António Neves, *University of Aveiro, Portugal*
- ❖ Andrea Nucita, *University of Messina, Italy*
- ❖ Joanna Isabelle Olszewska, *University of West Scotland, UK*
- ❖ Alberto Tellaeche, *University of Deusto, Spain*
- ❖ Athanasios Voulodimos, *National Technical University of Athens, Greece*
- ❖ Marco Winckler, *University Côte d'Azur, France*
- ❖ Carsten Wittenberg, *University of Heilbronn, Germany*