

Call for Papers

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

Track co-chairs

Marco Porta*, **Javier Silvestre-Blanes**♦

*University of Pavia, Italy, marco.porta@unipv.it

♦Universitat Politècnica de Valencia, Spain,
jsilves@disca.upv.es

❖ **FOCUS.** The Track on Computer Vision and Human-Machine Interaction in Industrial and Factory Automation aims at bringing together researchers interested in computer vision, object detection and recognition, and Human-Machine-Interaction in automation and industrial applications, as well as to present current research results and to share their experience.

❖ 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 behaviour understanding
- ❖ 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 multitrack 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; work-in-progress (WIP) sessions; panel discussions on the state-of-the-art and emerging trends, involving leading experts from industry and academia; and public discussion sessions moderated by leading experts in the field of industrial automation systems.

❖ AUTHOR'S SCHEDULE (2019)

❖ Regular and special sessions papers

Submission deadline March 2
 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 Programme Committee

- ❖ Jacopo Aleotti, *University of Parma*
- ❖ Jeannette Chin, *Anglia Ruskin University*
- ❖ Maria De Marsico, *University of Rome "La Sapienza"*
- ❖ Andrea Dunbar, *SEM*
- ❖ Tullio Facchinetti, *University of Pavia*
- ❖ Paulo Gonçalves, *Polytechnic Institute of Castelo Branco*
- ❖ Giancarlo Iannizzotto, *University of Messina*
- ❖ Jordi Linares, *Universitat Politècnica de València*
- ❖ Hongying Meng, *Brunel University*
- ❖ Pedro Neto, *University of Coimbra*
- ❖ Joanna Isabelle Olszewska, *University of West Scotland*
- ❖ Veera Ragavan, *Monash University Malaysia*
- ❖ Antonio Sala, *Universitat Politècnica de València*
- ❖ Luis Ricardo Sapaico, *Océ - A Canon Company*
- ❖ Jennehag Ulf, *Mid Sweden University*
- ❖ Marco Winckler, *Université Nice Sophia Antipolis*
- ❖ Carsten Wittenberg, *University of Heilbronn*