



CALL FOR PAPERS - SPECIAL SESSION

“Intelligent systems and methods for human monitoring in Industry 5.0” for CODIT 2024 July 01-04, 2024 ▪ Valletta, Malta

Session Co-Chairs:

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Session description:

As technological innovations continue to reshape the boundaries of human capabilities and potential, the integration of vision devices and intelligent systems has emerged as one of the most advanced solutions, particularly with the advent of Industry 5.0. Such topics need to be more explored in real industrial settings, as the implementation of advanced human monitoring methods enhances workplace safety and efficiency, promoting a synergy between technological innovation and real-world industrial settings. This special session aims at analyzing the cutting-edge methods for human monitoring in industrial environments, exploring how vision devices and intelligent systems, such as depth sensors combined with deep learning methodologies, can massively help in gathering and elaborating information about human mobility to guarantee the well-being of humans.

The goal is to deepen the understanding and application of human monitoring systems, for promoting innovative approaches in this rapidly evolving field.

The topics of interest include, but are not limited to:

- Dataset acquisition and processing for human monitoring
- Human action recognition and segmentation
- Privacy-preserving techniques
- Human biomechanical analysis in dynamic environments

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 03, 2024**:

<http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDiT 2024** link “Submit a Contribution to CoDiT 2024” and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

February 03, 2024: deadline for paper submission

April 14, 2024: notification of acceptance/reject

May 10, 2024: deadline for final paper and registration