



11th International Conference on Control,
Decision and Information Technologies

July 15- 18, 2025

Split, Croatia

CALL FOR PAPERS - SPECIAL SESSION

“Leveraging Artificial Intelligence and Robotics for Managing and Controlling Operations and Logistics”

for **CoDiT 2025**

July 15-18, 2025 ▪ Split, Croatia

Session Co-Chairs:

Dr. Leonardo Leoni, University of Florence, Italy - (email: leonardo.leoni@unifi.it)

Dr. Francesco Mancusi, University of Basilicata, Italy - (email: francesco.mancusi@unibas.it)

Prof. Fabio Fruggiero, University of Basilicata, Italy - (email: fabio.fruggiero@unibas.it)

Prof. Filippo De Carlo, University of Florence, Italy - (email: filippo.decarlo@unifi.it)

Session description:

This special session deals with the management and control of operations and logistics activities through artificial intelligence and robotics. The advances in artificial intelligence and robotics may provide significant benefits for organisations. However, their integration in existing environments may be challenging. Furthermore, the companies may be reluctant to invest in new technologies due to uncertain returns on investment, resistance to change, and uncertainties related to their interactions with humans. Therefore, there is the need to explore the benefits and challenges characterising the adoption of artificial intelligence and robotics for operations and logistics applications. The goal of this special session is to disseminate knowledge about key challenges hindering the adoption of artificial intelligence and robotics in real industrial environments, along with investigating which are the main benefits. This can be done through empirical research, testing methodologies and approaches on real case studies. The topics of interest include, but are not limited to:

- Machine learning and deep learning for inventory and operations management
- Robot, cobot, and drone-based systems for inventory and operations control
- Human interactions with Artificial intelligence and Robotics

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2025:**

<http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDiT 2025 link** “Submit a Contribution to CoDiT 2025” 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 07, 2025: deadline for paper submission

April 27, 2025: notification of acceptance/reject

May 17, 2025: deadline for final paper and registration