



11<sup>th</sup> International Conference on Control,  
Decision and Information Technologies

July 15- 18, 2025

Split, Croatia

## CALL FOR PAPERS - SPECIAL SESSION

### “Supply Chain Digital Twins”

for CODIT 2025

July 15-18, 2025 ▪ Split, Croatia

#### Session Co-Chairs:

Prof. Paweł D. Domański, Warsaw University of Technology, Poland

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#### Session description:

This special session deals with problems of modelling and optimization of supply chain management processes using the novel concept of Digital Twins.

The goal is to gather and challenge the state-of-the-art research results related to the design and application of Digital Twins to modelling and optimization problems in the supply chain field, such as intelligent picker-to-parts distribution centres, distributional transport, warehouses optimization and localization, stochastic and dynamic vehicle routing problems, demand prediction, etc. The presented papers will showcase recent advancements and their implementation in real-world processes.

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

- Multi-agent modelling
- Picker routing
- Picker batching
- Warehouse layout optimization
- Distributional transport modelling
- Stochastic and dynamic vehicle routing problems
- Replenishment policies
- Behavioural prediction
- Global constraint optimization
- Risk management
- Stochastic prediction
- Cooperation and collaboration strategies
- Warehouse labour optimization
- Green shipping

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2025**:  
<http://controls.paperecept.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