



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

July 01 - 04, 2024

Valletta, Malta

## CALL FOR PAPERS - SPECIAL SESSION

### “Trends and advances in inventory control”

for **CoDiT 2024**

**July 01-04, 2023** ▪ Valletta, Malta

#### Session Co-Chairs:

Dr. Matthieu Godichaud, University of Technology of Troyes, France - (email: [matthieu.godichaud@utt.fr](mailto:matthieu.godichaud@utt.fr))

Prof. Lionel Amodeo, University of Technology of Troyes, France - (email: [lionel.amodeo@utt.fr](mailto:lionel.amodeo@utt.fr))

#### Session description:

Inventory control has long history in scholar literature with well-knowns basic models that have been continuously extended over the years. This session aims to highlight and discuss new trends and advances in inventory control such as reverse logistic, CO<sub>2</sub> emissions, energy or integration of financial elements. In addition to stochastic models with random aspects of demand, lead-time or quality, works on inventory control for supply chains resiliency are also expected, as inventory is one of the strategy to mitigate disruption and resiliency had appeared to be a major issue in supply chains. More generally, inventory control is a central element of supply chains and related works are welcomed. Contribution can be on literature review, new models or new methods.

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

- inventory models with CO<sub>2</sub> emissions or energy considerations,
- inventory models for closed-loop supply chain, reverse logistic
- inventory models with trade credit, delayed payment, pricing
- Stochastic models and methods for inventory management,
- Supply chain resiliency and inventory,
- Linear and non-linear programming, simulation, heuristics and metaheuristics for inventory control and supply chain

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#### 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