CALL FOR PAPERS - SPECIAL SESSION

"Models & methods for supply chain efficiency and resilience"

For CODIT 2023

July 03-06, 2023 ▪ Rome, Italy

Session Co-Chairs:

Dr. Matthieu Godichaud, Université de Technologie de Troyes, France, matthieu.godichaud@utt.fr

Dr. Yassine Ouazene, Université de Technologie de Troyes, France, yassine.ouazene@utt.fr

Dr. Murat Afsar, Université de Technologie de Troyes, France, hasan_murat.afsar@utt.fr

Session description:

Models for cost efficiency in supply chain are predominant in literature and practice but can lead to supply chain vulnerabilities, and disruptions. These disruptions, with low probability and high impact, are difficult to predict and require specific strategies to mitigate their effect. Related decisions concern flow allocation, inventory and capacity backup, facility location and fortification and they can be expanded to consider extended and intertwined networks with reverse logistic, for instance. The performance indicators in this context are also of interest to balance efficiency and viability. This session is dedicated to the modeling of these strategies with stochastic and/or data-driven approaches.

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

- Design of resilient, agile or flexible logistic networks
- Supply chain performances for resilience, viability and sustainability
- Supply chain simulation and optimization
- Stochastic programming for supply chain
- Inventory and capacity planning with disruption

Key Words: Supply chain, simulation, stochastic programming, resilience, viability, sustainability, performance indicators

---

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January27, 2023:** **http://controls.papercept.net/conferences/scripts/start.pl**.InPaperCept, click on the **CoDIT 2023 link "Submit a Contribution to CoDIT 2023" 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

January 27, 2023: deadline for paper submission

April 15, 2023: notification of acceptance/reject

May20, 2023: deadline for final paper and registration