



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

July 01- 04, 2024

Valletta, Malta

## CALL FOR PAPERS - SPECIAL SESSION

# “Advances in Modelling, Safety Analysis, and Supervisory Control of Discrete Event Systems”

for **CoDiT 2024**

July 01-04, 2024 ▪ Valletta, Malta

### Session Co-Chairs:

Rosa ABBOU, Associate Professor, LS2N-Nantes University France ([Rosa.Abbou@ls2n.fr](mailto:Rosa.Abbou@ls2n.fr))

Saïd AMARI, Associate Professor, ENS Cachan, Paris, France ([said.amari@lurpa.ens-cachan.fr](mailto:said.amari@lurpa.ens-cachan.fr))

Redouane KARA, Prof. University Mouloud MAMMARI, Tizi-Ouzou, Algeria ([redouk@yahoo.fr](mailto:redouk@yahoo.fr))

Claude MARTINEZ, Associate Professor, LS2N-Nantes University, France ([claude.martinez@ls2n.fr](mailto:claude.martinez@ls2n.fr))

### Session description:

This special session aims to bring together researchers, academics, and practitioners to discuss recent advances in modelling, security analysis, and supervisory control of discrete event systems (DESs). The goal of the session is to focus on security analysis and supervisory control of discrete event systems (DESs).

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

- Modelling frameworks for discrete event systems (e.g., Petri nets, automata, process algebras, rewriting logic, Markov chains, queues, max-plus algebras, ...).
- Security analysis in the context of control for DESs.
- Supervisory control strategies to improve the security and reliability of DESs.
- Performance evaluation of discrete event systems.

We encourage submissions that showcase both theoretical advancements and practical applications of DES modelling and control in various domains (manufacturing, transportation, logistics, databases, communication protocols, computer networks, distributed software systems, cyber-physical systems).

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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