



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

July 01 - 04, 2024

Valletta, Malta

## CALL FOR PAPERS - SPECIAL SESSION

### “Explainable Artificial Intelligence in Autonomous Decisions”

for CODIT 2024

July 01-04, 2023 ▪ Valletta, Malta

#### Session Co-Chairs:

Dr. Adolfo Perrusquía, Cranfield University, UK - (email: [adolfo.perrusquia-guzman@cranfield.ac.uk](mailto:adolfo.perrusquia-guzman@cranfield.ac.uk))

Mr. Mengbang Zou, Cranfield University, UK - (email: [m.zou@cranfield.ac.uk](mailto:m.zou@cranfield.ac.uk))

#### Session description:

This special session deals with the problem of explainability of autonomous decisions given by data-driven methods and artificial intelligence techniques. Given the proliferation of autonomous systems in transportation, it is crucial to understand the factors that are taken into account in the decision-making process.

The goal is to explore the current technologies used to explain the decision-making process of data-driven methods and artificial intelligence, and the main emerging challenges for specific domain applications and/or algorithms.

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

- Explainable AI.
- Causality
- Autonomous vehicles.
- Visualization interfaces.
- Reinforcement Learning
- Adversarial Learning
- Physics-Informed models

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#### SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 03, 2024:**

<http://controls.paperccept.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