



10th International Conference on Control,
Decision and Information Technologies

July 01- 04, 2024

Valletta, Malta

CALL FOR PAPERS - SPECIAL SESSION

“Diagnosis and Resilience to Faults of Electrical and Autonomous Systems”

for **CoDiT 2024**

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Session Co-Chairs:

Moussa Boukhnifer, Université de Lorraine, France, moussa.boukhnifer@univ-lorraine.fr

Ahmed Chaibet, Université de Bourgogne, France, ahmed.chaibet@u-bourgogne.fr

Session description:

This special session deals with the problem of the development of diagnosis and resilience to faults methods for electrical or/and autonomous systems. Diagnostic techniques involve continuous monitoring of system performance using sensors and data analysis algorithms to promptly identify faults and potential issues. On the other hand, resilience to faults encompasses the implementation of redundancy, automatic recovery, and error detection mechanisms to uphold system functionality despite faults or failures.

The goal is to minimize the impacts of faults and to ensure the safe and reliable operation of electrical and autonomous systems. This call for contributions seeks original papers that address cutting-edge research, advancements, and future trends in the domains of diagnosis and resilience of electrical and autonomous systems.

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

- Advanced diagnostic techniques
- Fault detection and identification
- Prognostics and health management
- Resilience strategies
- Redundancy and fault tolerance
- Data-driven approaches for diagnosis and resilience

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