



10th International Conference on Control,
Decision and Information Technologies

July 01- 04, 2024

Valletta, Malta

CALL FOR PAPERS - SPECIAL SESSION

“Applications of System Identification and Control”

for **CoDiT 2024**

July 01-04, 2023 ▪ Valletta, Malta

Session Co-Chairs:

Prof. Janetta Culita, National University of Science and Technology POLITEHNICA Bucharest, Romania - (email: janetta.culita@upb.ro)

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Session description:

This special session deals with applications of system identification and control for real-world processes. System Identification (SI) or data-driven modeling continue to capture the interest of the scientific community, aiming to handle complex, often nonlinear, real-life systems from various fields (industry, biology, economy, meteorology). Being an interdisciplinary research domain, one can say that SI is the most challenging step in supporting a large panoply of applications such as control, prediction, fault diagnosis and analysis.

The goal is to select and present articles that bring interesting, relevant scientific work and innovative contributions in the fields of System Identification and Modern Process Control. Articles that include sound theoretical results and simulations based on real life systems or processes behavior are highly appreciated.

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

- linear and/or non linear system identification and/or control
- metaheuristic identification and/or control
- fault detection/identification and system reconfiguration
- adaptive/robust optimal control
- forecasting of real-world processes

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