



10th International Conference on Control,
Decision and Information Technologies

July 01- 04, 2024

Valletta, Malta

CALL FOR PAPERS - SPECIAL SESSION

“Control, monitoring and decision-making solutions for energy control and management systems”

for **CODIT 2024**

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Session Co-Chairs:

Dr. Raúl Mario del Toro Matamoros, Centre for Automation and Robotics (Spanish National Research Council), Spain (email: raul.deltoro@car.upm-csic.es)

Dr. Rodolfo Elias Haber Guerra, Centre for Automation and Robotics (Spanish National Research Council), Spain (email: rodolfo.haber@car.upm-csic.es)

Session description:

The current global process of transforming the energy sector from fossil fuels to zero carbon or based on energy from renewable sources implies several challenges for future energy generation, distribution and storage systems. As representative examples of these systems we can mention smart grids, renewable energy or fuel generation and storage systems, energy management systems in buildings, propulsion systems for non-polluting vehicles for aerial, maritime or land transportation, among other systems. This special session addresses the problem of efficient energy management in such a type of systems and the goal is to present some recent advancements in the application of control, monitoring and/or intelligent decision-making solutions.

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

- Model-based control approach including cyber-physical systems approach
- System of systems control solutions
- Condition-based monitoring
- AI-based solutions for control and/or monitoring
- Fusion of control strategies

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