



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

July 01 - 04, 2024

Valletta, Malta

## CALL FOR PAPERS - SPECIAL SESSION

### “Advancements in Model Predictive Control for Real-world Applications”

for **CODIT 2024**

**July 01-04, 2023** ▪ Valletta, Malta

#### Session Chair:

Pablo Velarde Rueda, University Loyola Andalucía, Seville, Spain - (email: [pavelarde@uloyola.es](mailto:pavelarde@uloyola.es))

#### Session description:

This special session deals to exploring the multifaceted realm of Model Predictive Control (MPC) and its diverse applications in addressing pressing challenges in modern engineering and control systems. MPC, a powerful control strategy that has garnered increasing attention in recent years, offers innovative solutions to a wide range of complex problems.

This session aims to shed light on the dynamic landscape of MPC applications and provide a platform for discussing cutting-edge research, case studies, and emerging trends in this field.

In this session, we invite contributions that delve into the rich tapestry of MPC applications across various domains, including but not limited to:

- Process Industries.
- Autonomous Systems.
- Energy Management.
- Biomedical Engineering.
- Environmental Control.
- Economic and Financial Systems.

This session will provide a comprehensive overview of the theory, methodologies, and practical implementations of MPC across these diverse application domains. Attendees will be able to discuss current challenges, share insights from successful case studies, and explore the potential for cross-disciplinary collaboration.

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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