CALL FOR PAPERS - SPECIAL SESSION
"Healthcare Control Methods using AI based Approaches"

for CODIT 2025
July 15-18, 2025 ▪ Split, Croatia

Session Co-Chairs:

- Prof. **Charaf Moulay El Hassan**, Ibn Tofail University-Kenitra, Morocco (email: my.charaf@uit.ac.ma)
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Session description:

This special session addresses healthcare control issues by discussing various applications and advanced control techniques, security as well as privacy in the context of healthcare data management, emergency systems, electronic health records (EHR) and the interoperability of these systems.

The aim is to suggest advanced artificial intelligence methods (Machine Learning, Deep Learning, Reinforcement Learning, AI Agents, LLM, Multi-agents systems,..) for controlling: healthcare data, healthcare decision-making, fraud management and routine administrative tasks in the the healthcare fields.

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

- AI Agents for healthcare
- Innovative Strategies for controlling healthcare data: Security and Privacy.
- Decision-Making tools for healthcare control
- Advanced data analytics for Emergency management and control
- Dynamic programming and Optimal control
- Application of AI for controlling healthcare decision-making processes
- Control and Management of healthcare systems interoperability
- Control of healthcare fraud
- Control of Electronic health Records (EHR).
- AI Agents for controlling routine administrative tasks in the healthcare fields
- Secure and responsible LLM applications in healthcare
- Deep Learning Approaches for Image Analysis in Medical Diagnostics
- ..etc

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2025:** **http://controls.papercept.net/conferences/scripts/start.pl**. In PaperCept, click on the **CoDIT 2025 link "Submit a Contribution to CoDIT 2025" 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 07, 2025: deadline for paper submission

April 27, 2025: notification of acceptance/reject

May 17, 2025: deadline for final paper and registration