CALL FOR PAPERS - SPECIAL SESSION
"Fuel cell and water electrolyzer, control, diagnosis and prognostic"
for CODIT 2025
July 15-18, 2025 ▪ Split, Croatia

Session Co-Chairs:

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Session description:

This special session deals with the problem of control, diagnosis and prognostic of fuel cell and water electrolysers.

Fuel cells and water electrolyzers are addressed at system and stack level, with the aim of ensuring appropriate operating conditions for stationary and mobility (electric vehicle) applications for fuel cells, and optimal hydrogen production by water electrolysis in the context of renewable energies for water electrolyzers. The aim of this special session is to address the durability of these systems.

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

- Fault-tolerant control and control design for PEM fuel cells and water electrolyzers systems.
- Diagnosis of PEM fuel cell and water electrolyzer systems (with the aim of increasing system durability).
- Prognostic and accelerated stress testing (AST) for PEM fuel cells (to increase system durability).

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