



CALL FOR PAPERS - SPECIAL SESSION

“Fault Diagnostics and Prognostics: Recent Developments and Future Challenges”

For **CODIT'22**

May 17-20, 2022 ▪ Istanbul, Turkey

Session Co-Chairs

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Session description

This special session deals with the problems of fault diagnostics and prognostics of industrial systems in the context of Industry 4.0 and renewable energy systems.

The goal is to present and share the recent advances and future challenges in the field of condition monitoring, anomaly detection, fault diagnostics and fault prognostics and online implementation in industrial systems. The special session will cover both model-based and data-driven methods and addresses issues related to failure mechanisms, degradation data collection, health indicators construction, fault threshold definition, fault detection, isolation and prediction.

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

- Data and knowledge fusion
- Feature extraction and health indicators construction
- Anomaly detection
- Data driven and model-based fault diagnostics and prognostics
- Industrial and/or laboratory applications of fault diagnostics and prognostics algorithms

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January 07, 2022**:

<http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDiT 2022** link “Submit a Contribution to CoDiT 2022” 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

January 07, 2022: deadline for paper submission

March 4, 2022: notification of acceptance/reject

March 30, 2022: deadline for final paper and registration