

Special Issue

Fault Diagnosis in the Internet of Things Applications

Message from the Guest Editors

This Special Issue aims to collate original, unpublished and high-quality research articles focused on fault diagnosis solutions applied to the IoT and Industry 4.0. The topics of interest include, but are not limited to, the following:

- AI methods for industrial applications;
- Machine learning applications at the edge;
- Deep learning fault diagnosis models;
- Intelligent fault detection;
- Industrial IoT applications;
- IoT energy efficient algorithms;
- Data fusion;
- IoT privacy and security;
- Predictive maintenance;
- Anomaly detection;
- Edge/cloud monitoring frameworks;
- Digital twins for fault diagnosis;
- Fault tolerance models.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2026)



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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

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