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This Special Issue aims to collate original, unpublished and high-quality research articles focused on fault diagnosis solutions applied to the IoT and Industry 4.0.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

Dr. Fabrizio De Vita
Department of Engineering, University of Messina, 98166 Messina, Italy

Dr. Giovanni Cicceri
Department of Biomedicine, Neuroscience and Advanced Diagnostics (BiND), University of Palermo, 90127 Palermo, Italy

Deadline for manuscript submissions

31 March 2025

Journal of Sensor and Actuator Networks

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.9

mdpi.com/si/185191

Journal of Sensor and Actuator Networks
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jsan@mdpi.com

mdpi.com/journal/jsan

Journal of Sensor and Actuator Networks

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.9

mdpi.com/journal/jsan

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

Prof. Dr. Lei Shu
1. College of Artificial Intelligence, Nanjing Agricultural University, Nanjing 210031, China
2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Control and Optimization)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2024).

MDPI