



sensors



an Open Access Journal by MDPI

Fault Diagnosis Platform Based on the Internet of Things and Intelligent Computing

Guest Editors:

Prof. Dr. Linbo Xie

School of Internet of Things Engineering, Jiangnan University, Wuxi, China

Prof. Dr. Robert Hsu

Department of Computer Science and Information Engineering, National Chung Cheng University, Chiayi, Taiwan

Deadline for manuscript submissions:

closed (31 October 2023)

Message from the Guest Editors

In the era of IoT big data, the integration of cloud-edge computing technologies, cyberphysical systems, and artificial intelligence enables the full potential of accurate fault diagnosis and predictive maintenance in power transformer cyberattacks, battery lifetime predictions, rotating machine faults, etc.

This Special Issue seeks innovative works on a wide range of research topics, which include (but are not limited to) the following:

- Industrial system security;
- Advanced cloud-assisted intelligent architecture in smart factory;
- End–edge–cloud–orchestrated fault diagnosis platforms;
- Integrated framework employing IoT and big data techniques;
- Artificial intelligence of things systems;
- Fault diagnosis methods based on big data analysis;
- Deep learning applications in industrial security challenges.

We would like to cordially invite you to submit an article to this Special Issue, including short communications, full research articles, and timely reviews.



mdpi.com/si/147117

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)