

Special Issue

Trends and Applications in Sensor Fault Diagnosis

Message from the Guest Editors

For this Special Issue, we invite authors from academia and industry to submit new research on technological innovations and novel applications in the automatic diagnosis of sensor systems, with a special focus on real-time applications. Research topics include, but are not limited to:

- Innovative electronic and mechatronic sensors with self-diagnosis capabilities;
- New techniques and approaches for Instrument Fault Detection Isolation and Accommodation (IFDIA);
- New architecture for Fault-Tolerant Control Systems;
- Fault diagnosis in Distributed Measurement Networks;
- The industrial applications of sensor fault diagnosis;
- Testing algorithms and approaches for estimating sensor reliability and life-cycles.

Best regards,

Guest Editors

Dr. Paolo Sommella

Department of Industrial Engineering (DII), University of Salerno, 132 - 84084 Fisciano, Italy

Dr. Domenico Capriglione

Department of Electrical and Information Engineering, University of Cassino and Southern Lazio, 03043 Cassino, Italy

Deadline for manuscript submissions

closed (30 November 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/148568

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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.

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

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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)