

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

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Deadline for manuscript submissions

closed (30 November 2023)



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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.

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