

Special Issue

Intelligent Systems and Sensors for Fault Tolerant Control and Fault Detection

Message from the Guest Editors

We invite authors to contribute original research articles as well as review articles related to all aspects of modeling, control methods, optimization theories, monitoring, signal processing, and fault detection for intelligent systems and sensors. All submissions are expected to include original ideas and new approaches. Of particular interest are papers devoted to the development of engineering applications. Papers presenting computational issues, search strategies, and modeling and solution techniques to practical problems are also welcome. Potential topics include but are not limited to the following:

- Robust control of intelligent systems;
- Fault-tolerant control scheme;
- Fault detection and diagnosis;
- Neural network modeling, control, and optimization;
- Fuzzy modeling, control, and optimization;
- Data-driven modeling, control, and optimization;
- Signal processing and optimization;
- Monitoring and fault tolerance.

Guest Editors

Prof. Dr. Shuping He

Dr. Vladimir Stojanovic

Dr. Hai Wang

Prof. Dr. Jun Song

Deadline for manuscript submissions

closed (31 December 2022)



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

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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.

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

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