Sensors and Methods for Diagnostics and Early Fault Detection

Guest Editors:

Dr. Lorenzo Capponi

Dr. Antonino Quattrocchi

Dr. Laura Fabbiano

Prof. Dr. Gianluca Rossi

Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to put together original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of diagnostics and early fault detection sensors and methodologies.

Potential topics include but are not limited to:

- Development of innovative sensors and transducers for diagnostics;
- Sensors and techniques for vibration fatigue prediction in mechanical systems;
- Structural health monitoring in mechanical applications;
- Development of signal-processing algorithms for early fault detection;
- Image-based and optical methods for non-contact diagnostics;
- Machine learning and AI techniques for smart diagnostics;
- Development of devices and data-processing for medical applications.

Dr. Lorenzo Capponi
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Dr. Laura Fabbiano
Prof. Dr. Gianluca Rossi
Guest Editors

Special Issue

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.

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