

Special Issue

Sensors for NDT Diagnostics and Health Monitoring

Message from the Guest Editors

This Special Issue focuses on fostering improvements and new developments of technology in areas related to novel NDT diagnostics and health monitoring, including use of advanced smart sensors and sensor networks, as well as strategies for data utilisation for overall system safety and health management. We would like to invite original research articles, as well as review articles.

Potential topics include but are not limited to:

- Sensor technologies for NDT diagnostics and health monitoring, sensor networks and smart systems for evaluation, detection, monitoring, control and health management of transport systems;
- Continuous NDT and E diagnostics and real-time results for improving measurement accuracy and/or inspection technologies;
- Modelling, simulation and technology development concerning health diagnostics and health management at multiple scales ranging from nano- and micro- scales to realistic structures;
- Signal and/or image processing, data fusion, and energy harvesting for NDT diagnostics and sensor monitoring;
- Interdisciplinary approaches and applications for sensors for NDT diagnostics and health monitoring.

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Deadline for manuscript submissions

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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.

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