

Special Issue

Sensor-Based Condition Monitoring and Non-Destructive Testing

Message from the Guest Editor

Sensor-based condition monitoring and non-destructive testing technologies/systems have become especially important for most industrial sectors and academic research; the most challenging topic in this field is sensor-based condition monitoring of machinery and non-destructive testing of materials. This Special Issue focuses on sensor-based condition monitoring and non-destructive testing technologies and systems for machineries/structures, paying attention to novel developments related to sensors and intelligent vibration sensors, signal processing of sensor data, artificial intelligence and machine learning for monitoring/testing decision making and the adaptation of sensor-based monitoring/testing technologies to non-stationary conditions related to machineries and materials. This Special Issue will not cover non-novel “case study manuscripts”. Potential authors need to provide clear statements of manuscript novelties, which should be based on comprehensive state-of-the art reviews.

Guest Editor

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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

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