

Special Issue

Advanced Sensing and Evaluating Technology in Nondestructive Testing

Message from the Guest Editors

Nondestructive testing (NDT) technology has been widely used in oil and gas storage and transportation, railway transportation, bridge construction, industrial manufacturing, electric power systems and many other fields, providing necessary testing means and guiding bases for safe operation and maintenance of the key equipment. Advanced NDT results depend on high performance sensing technology and efficient data analysis and evaluation methods. This Special Issue aims to present and disseminate the most recent advanced sensing and evaluating technology based on all types of nondestructive testing methods. Topics of interest include, but are not limited to:

- Sensors and detection equipment
- Applications of nondestructive testing
- Industrial control methods and intelligent robots
- Signal processing
- Defect classification, quantification and imaging
- Artificial intelligence applications in NDT
- Fault diagnosis and failure analysis
- Sensor applications in industrial Internet solutions

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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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