

sensors



an Open Access Journal by MDPI

Advanced Sensing and Evaluating Technology in Nondestructive Testing

Guest Editors:

Prof. Dr. Songling Huang

Department of Electrical
Engineering, Tsinghua University,
Beijing 100084, China

Prof. Dr. Kai Song

School of Measuring and Optical
Engineering, Nanchang
Hangkong University, Nanchang
330063, China

Dr. Lisha Peng

Department of Electrical
Engineering, Tsinghua University,
Beijing 100084, China

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

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

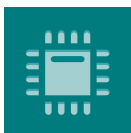
Please contact the Guest Editors or the Assistant Editor at (ava.jiang@mdpi.com) for any queries. Please access the website for more information.

<https://www.mdpi.com/si/150412>



[mdpi.com/si/150412](https://www.mdpi.com/si/150412)

Special Issue



sensors



an Open Access Journal by MDPI

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)