

Special Issue

Editorial Board Members' Collection Series: Non-Destructive Testing and Evaluation

Message from the Guest Editors

Non-destructive testing and evaluation (NDT and E) plays an important role in investigating material or structure properties without causing damage. This method has been widely applied in various sectors of industry, agriculture, medicine, and environmental protection. In the era of big data, the internet of things, and artificial intelligence, more advanced NDT techniques have been developed, and their applications have been extensively explored. Meanwhile, data science technologies—including state-of-the-art deep learning methods and high-fidelity numerical simulations—have been utilized for processing and analysis of data collected from NDT experiments. Topics of interest for this Special Issue include, but are not limited to, the following:

- non-destructive testing
- sensor technology
- NDT data analysis
- numerical simulations
- acoustic emission testing (AE or AT)
- guided wave testing (GWT)
- nondestructive testing of packaged items
- terahertz nondestructive evaluation (THz)
- ...

Guest Editors

Prof. Dr. Yuan Yao

Department of Chemical Engineering, National Tsing Hua University, Hsinchu 30013, Taiwan

Prof. Dr. Gilbert-Rainer Gillich

Department of Engineering Science, Babeş-Bolyai University Cluj-Napoca, 320085 Resita, Romania

Deadline for manuscript submissions

closed (20 October 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/155173

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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.

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

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)