

Special Issue

Nondestructive Sensing and Imaging in Ultrasound

Message from the Guest Editors

Nondestructive evaluation by ultrasound is a transversal line that is present in a wide range of industrial sectors, from automobilist and aeronautic to medical, transport, and civil infrastructure, among others. Ultrasonic imaging is used extensively to establish the properties and quality of materials and infrastructures. The development of new methodologies, sensors, and instrumentation in NDE has to follow the trends in the informatization, digitization, and networking of industrial production. The development of nondestructive sensors is a transversal line with multiple applications in different thematic areas. New production techniques, for example, 3D printing, will allow efficient and timely production of low numbers of unique parts customized for the needs of NDE. This Special Issue aims to highlight advances in nondestructive sensing and imaging in ultrasound in different thematic areas that allow sharing a multidisciplinary vision of this topic.

Guest Editors

Dr. Miguel Ángel García Izquierdo

Escuela Técnica Superior de Ingenieros de Telecomunicación,
Universidad Politécnica de Madrid, Madrid, Spain

Dr. Margarita Hernández

CSIC—Instituto de Tecnologías Físicas y de la Información Leonardo
Torres Quevedo (ITEFI), 28006 Madrid, Spain

Deadline for manuscript submissions

closed (31 May 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/87940

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)