

Special Issue

Sensors in Experimental Mechanics

Message from the Guest Editors

The use of sensors in experimental mechanics is becoming essential for engineers to have a better understanding of complex problems. The aim of this Special Issue is to publish recent advances related to the use of sensors in experimental mechanics. Innovative works exploring analytical methods, numerical models, and experimental techniques calibrated or validated on the properties of sensors are particularly welcome.

We encourage theoretical, numerical, and application studies to be submitted to this Special Issue. Main topics of this Special Issue may cover but not be limited to the following topics:

- Dynamic behavior of materials;
- Composite and multifunctional materials;
- Impact engineering;
- Shock and high pressures;
- Crashworthiness;
- Bioengineering;
- Dynamic fracture mechanics;
- Fatigue;
- Mechanical instabilities;
- Machining;
- Thermomechanics;
- Optical methods and image processing;
- Micro- and nano mechanics.

Guest Editors

Prof. Dr. Maria Henar Miguélez

Prof. Dr. Jose Antonio Loya

Dr. Jose Díaz-Álvarez

Deadline for manuscript submissions

closed (30 June 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/27749

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)