

# 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.

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### Guest Editors

Prof. Dr. Maria Henar Miguélez

Prof. Dr. Jose Antonio Loya

Dr. Jose Díaz-Álvarez

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### Deadline for manuscript submissions

closed (30 June 2020)



## Sensors

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## 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.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
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