

## Special Issue

# Acoustic and Ultrasonic Sensing Technology in Non-Destructive Testing

### Message from the Guest Editors

The applications of ultrasonic sensors are extremely varied, ranging from their use in the verification of trees in poor condition, owing to their non-invasive qualities, to the production of microfluidic movement by means of slightly focused acoustic waves. This Special Issue aims to highlight recent advances in the modelling and development of ultrasound devices and materials.

Topics may include, but are not limited to, the following:

- Ultrasonic devices
- HIFU transducer(s)
- Non-destructive testing, material characterization
- Photonic nanojet
- Ultrasonic imaging and visualization
- Magnetic Resonance Imaging (MRI) compatible materials
- Medical and biomedical ultrasonic sensors
- Biological ultrasonic sensors
- Food characterization ultrasonic sensors

For more information, please visit: [mdpi.com/si/179707](https://mdpi.com/si/179707)

Dr. Sergio Castiñeira Ibáñez

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### Guest Editors

Dr. Sergio Castiñeira-Ibáñez

Dr. Daniel Tarrazó-Serrano

Prof. Dr. Constanza Rubio Michavila

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### Deadline for manuscript submissions

closed (20 February 2025)



## 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

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