



Acoustic and Ultrasonic Sensing Technology in Non-destructive Testing

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Message from the Guest Editors

Dear Colleagues,

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

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sensors



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Message from the Editor-in-Chief

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