

Special Issue

Modeling, Development and Applications of Novel Ultrasound Sensors

Message from the Guest Editors

Ultrasonic sensors operating from 20 kHz to 25 MHz are an advantageous and widely used set of technologies for non-invasive and non-ionising measurement. They have found broad appeal across disciplines and applications from sensors for guiding and checking for industrial and non-industrial nondestructive testing to biological, medical, and food industry applications. This Special Issue aims to highlight advances in the modeling and development of novel sensors that use ultrasound with applications in a wide range of fields. Considering this wide variety of ultrasonic sensor (US) applications in a multitude of uses in diverse industrial and nonindustrial settings, covering fundamental science as well as applications in the field of engineering material characterization and quality inspection, chemical and biological US-based monitoring, medical imaging, therapy, etc. This Special Issue focuses on combining sensing approaches and modalities that include multiple wave-based technologies into a single sensor. For more information, please click: mdpi.com/si/32800

Guest Editors

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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

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