

Special Issue

Ultrasound Imaging and Sensing for Nondestructive Testing

Message from the Guest Editors

In recent years, there has been rapid development in non-destructive testing technology for ultrasound imaging. This technology has expanded the application scope of ultrasound testing, from non-destructive testing of products in the fabrication process to in-service equipment inspection. This Special Issue will explore various new robot-assisted and automated ultrasound imaging systems, related theories and algorithms for automated ultrasound imaging and testing, and ultrasound imaging technology for various non-destructive testing applications. Both review articles and original research papers associated with ultrasonic systems, robots and automated inspection systems, ultrasonic sensors/transducers, and their applications in non-destructive testing are solicited. There is a particular interest in papers concerning techniques of ultrafast ultrasound imaging, three-dimensional ultrasound imaging, underwater ultrasound imaging, and their applications for non-destructive testing. For more information, please visit: mdpi.com/si/KFWU1B65F4

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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