

Special Issue

Nondestructive Sensing and Imaging in Ultrasound—Second Edition

Message from the Guest Editors

Nondestructive evaluation via ultrasound is a method used in a wide range of industrial sectors, from automobiles and aeronautics to medicine, transport, and civil infrastructure, among others. Ultrasonic imaging is used extensively to establish the properties and quality of materials and infrastructures. The development of new methodologies, sensors, and instrumentation in NDE has to follow the trends being seen in the informatization, digitization, and networking of industrial production. The development of nondestructive sensors has led to the creation of an interdisciplinary method with multiple applications in different areas. New production techniques, such as 3D printing, will allow for the efficient and timely production of small numbers of unique parts customized for the needs of NDE.

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