

Special Issue

The Advances and Applications of Non-destructive Evaluation

Message from the Guest Editor

With the continuous development of science and technology, non-destructive evaluation has become the basic technology of structure management and maintenance in the field of industrial production. It plays an important role in ensuring the safe and reliable service of structure, improving the efficiency of management and maintenance, and generating economic benefits. In this Special Issue, we are aiming to collate studies on all aspects surrounding “The Advances and Applications of Non-Destructive Evaluation”. It will be dedicated to new perspectives on topics ranging from nonlinear acoustics and ultrasonic waves to Lamb wave detection, acoustic emission testing, X-ray radiography, magnetic particle testing, and eddy-current testing. It will also highlight advancements in non-destructive detection technology, structural health monitoring, pattern recognition, deep learning models, artificial intelligence, statistical mathematics, signal processing, and data analytics. This Special Issue aims to bridge the gap between theory and real-world implementation. Any original, unpublished work is welcome. If you have an interest in this topic, please let us know.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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