

Special Issue

Advances in Imaging-Based NDT Methods

Message from the Guest Editor

This Special Issue's focus is on the advancements of imaging based non-destructive testing and evaluation (NDT&E) methods for inspection of various metals, semiconductors, composites and biomaterials. The main focus is given to widely used non-destructive testing and evaluation methodologies and associated data processing schemes for inspection of various industrial and biomaterials. Topics of interest This Special Issue on NDT&E focuses on both laboratory and field applications, including but not limited to the following:

- Ultrasonic Testing
- Radiographic Testing
- Thermographic Testing
- Optical Testing
- Eddy Current Testing
- Magnetic Particle Inspection
- Liquid Penetrant Examination
- Signal/Image/Video Processing techniques for improving the sensitivity and resolution for visualization of surface/subsurface/volumetric defects.
- Non-destructive Testing/Non-invasive Inspection of Biomaterials
- Data fusion for NDT&E.

Guest Editor

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Deadline for manuscript submissions

closed (30 July 2024)



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About the Journal

Message from the Editor-in-Chief

NDT is an international, peer-reviewed, open access journal on non-destructive testing science, technology, and their applications. *NDT* aims to establish itself as a leading journal in the nondestructive testing area of science through the dissemination of more inclusive and interdisciplinary research.

Areas of interest include—but they are not limited to—archaeology and forensic engineering, geophysics, mechanical engineering, electrical and electronics engineering, civil and environmental engineering, data science and AI, medicine and biological sciences, and art.

NDT has an Editorial Board of highly accomplished international scientists ensuring a rigorous peer-review process for the selection of novel and quality research.

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