

## Special Issue

# Non-Destructive Testing of Materials and Parts: Techniques, Case Studies and Practical Applications—2nd Edition

### Message from the Guest Editors

This Special Issue intends to act as a forum for the presentation of the latest developments in this field of research and development, as well as for the demonstration of practical application cases of NDT in all industrial areas that can help foster future developments in this interesting subject. The most recent breakthroughs in the development of equipment and instruments by NDT machine manufacturers will play an important role, demonstrating cutting-edge techniques and novel possibilities for its usage in new areas. Emerging technologies should not be disregarded, such as automation, which reduces the need for human operators; augmented reality (AR), which overlays digital information onto the real world; artificial intelligence (AI), which can process NDT data; or even nanotechnology, used for the detection of small defects or flaws, invisible to traditional methods. As Editors of this 2nd Edition Special Issue, it is our pleasure to invite you to submit a manuscript, whether in the form of a research article or a review article. Complete papers, communications, and reviews are all welcome.

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### Guest Editors

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### Deadline for manuscript submissions

20 June 2026



## Materials

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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