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Recent Advances in Non-destructive Testing Methods

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Message from the Guest Editors

As a flexible and fast general technology, non-destructive testing and evaluation (NDT&E) technology has been widely used for the characterization of the performances of products, such as solar cells and composites materials. Recent innovations have been driven by advanced sensing, signal processing methods, materials, artificial intelligence, and various applications. The ability to non-invasively assess the internal characteristics, defects, and properties of materials is not only crucial for ensuring the safety, reliability, and good performance of critical infrastructure and industrial components but also holds promise for advancing fundamental research and innovation across diverse disciplines.

The primary aim of this Special Issue is to showcase the latest advancements in, methodologies related to, and applications of non-destructive evaluation techniques. Our goal is to foster interdisciplinary dialogue, facilitate knowledge exchange, and inspire collaborative endeavors that push the boundaries of what is achievable through non-destructive evaluation methods.



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Message from the Editor-in-Chief

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