Special Issue

Advanced Non-destructive Testing Techniques on Materials

Message from the Guest Editors

Non-destructive testing is widely used in various industries as an important technology to ensure the quality of products and the safety of components in service. With the application of novel materials and structures, traditional NDT methods are difficult to meet their needs. Therefore, advanced NDT techniques are needed to solve these new problems. In addition, in order to meet the inspection needs of novel materials and structures, NDT has developed from quantitative NDT to microscopic defect detection (such as fatigue, creep, etc.), which will provide strong support for the life assessment of materials. This Special Issue covers these topics and focuses on advanced non-destructive testing techniques on materials. We kindly invite you to submit your work to this Special Issue. Full papers, communications, and reviews are all welcome.

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Message from the Editor-in-Chief

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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