Special Issue

Fatigue and Fracture Behaviour of Welded and Other Additive Manufactured Structures (Volume II)

Message from the Guest Editors

In this Special Issue, modern trends of testing and simulating heterogeneous welded and other additive manufactured components, including the multi-scale approach, resulting in appropriate flaw assessment procedures, are highlighted and discussed. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

- welded and other additive manufactured components
- fatigue and fracture of heterogeneous structures
- mechanical testing
- microstructure
- multi-scale modelling
- finite element analysis
- structural integrity assessment
- flaw assessment procedures for heterogeneous welds and other additive manufactured components

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Deadline for manuscript submissions

closed (20 January 2024)

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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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