

Special Issue

Advances in Material Structural Analysis: Finite Element Analysis and Numerical Modelling

Message from the Guest Editors

This Special Issue explores advancements in the field of material structural analysis, focusing on the integration of finite element analysis (FEA) and numerical modelling to address complex challenges in material science and engineering. Contributions will highlight innovative methodologies for predicting material behavior under various mechanical, thermal, and multiphysics conditions, with applications spanning aerospace, civil engineering, and advanced manufacturing. We would like to invite you to submit your work to our Special Issue. Contributions in the form of full papers, reviews, or communications are welcome but are not limited to these types. We look forward to receiving your contributions and significant insights.

Guest Editors

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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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