Special Issue

Computational Mechanics for Solids and Structures

Message from the Guest Editor

Solid and structure mechanics encompass diverse areas like structural analysis, solids mechanics, stress analysis, fracturing, fatigue, flow, wave propagation, heat transfer, optimal design strategies, structural topologies, numerical techniques, vibrations, and material properties. This dynamic field continually evolves, addressing challenges and pioneering innovative solutions. The Special Issue, "Computational Mechanics of Solids and Structures," seeks to consolidate recent developments and foster global collaboration, welcoming contributions from mechanical, civil, thermal, and material engineering researchers. The goal is to provide a comprehensive overview, discuss new trends, and explore recent developments, laying the foundation for future research. Submissions on topics like structural analysis, solids and mechanics, thermal analysis, finite element modeling (FEM), and computational analysis are encouraged, with an open scope for other relevant areas. Keyword: solid and structure analysis; structures; structural mechanics; computational modeling; experimental models

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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