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Finite Element Methods for Structural, Linear and Nonlinear Mechanical Problems

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Deadline for manuscript submissions:
closed (20 August 2023)

Message from the Guest Editors

As you are an expert in the field of solid mechanics, invite you to publish your work in a Special Issue of *Applied Sciences*, which will be devoted to the field of finite element methods for structural, linear and nonlinear mechanical problems. The Special Issue will be oriented towards the numerical methods of mechanics, particularly FEM analysis, linear mechanics, nonlinear mechanics, structural mechanics, solid mechanics, numerical methods, computer methods, FEM in design, plasticity, continuum mechanics, and fracture mechanics. The scope includes the application of finite element method in solving various problems in the field of mechanics—from linear to non-linear problems, including the determination of the ultimate load capacity. In addition to solving theoretical problems, we welcome the submission of articles focused on FEM applications in design and fracture mechanics.

We would be delighted if you sent us an article for this Special Issue, or if you informed your colleagues working in the field about this Special Issue.

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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.

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