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Advances in Structural Optimization

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Message from the Guest Editors

Dear Colleagues,

This Special Issue provides a remarkable opportunity for professionals across various fields to collaborate in tackling the challenges and advancements in structural engineering optimization. The issue welcomes novel and high-quality research contributions from a diverse range of topics, such as computer-aided analysis and design, optimal tools for numerical simulation, structural shape and topology optimization, reliability-based design, stochastic structural control, elastic–plastic optimal design of structures, algorithms, and software development that connect all engineering areas. Additionally, papers focused on multi-criteria optimization in which traditional and non-traditional structural aspects are combined with sustainability goals (e.g., emission impact) and constructability issues (e.g., structural complexity and optimal management) are welcome for submission.

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Guest Editors



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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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