

Special Issue

Intelligent Systems and Tools for Optimal Design in Mechanical Engineering and Their Practical Applications

Message from the Guest Editors

Mechanical structures, depending on their purpose, should meet many design assumptions. As a result, they should meet safety requirements related to their geometry, strength, and deformability. Additionally, mechanical constructions should often be ergonomic, lightweight, cheap to produce, and feasible with the availability of known production methods. They should therefore be optimal when meeting various criteria. In order to obtain optimal solutions, we use various systems and tools in the field of computational mechanics. We invite you to submit articles on modern methods for optimal design and their applications in mechanical engineering.

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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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