

Special Issue

Mechanical Design Technologies for Beam, Plate and Shell Structures

Message from the Guest Editor

This Special Issue will bring together theoretical studies or applied works on state-of-the-art computational modeling or experimental techniques used in the mechanical design of general structural engineering systems embodying beam, plate, and shell structural elements. Advances in fundamental theories, approximation methods, computational techniques, and experimental testing technologies, addressing modern trends and complicating effects, such as complex shapes, multi-layered structures, lattice designs, material anisotropy, structural damping treatments, smart structures, additive-manufactured parts, or complicated analysis, such as non-linear material and geometric behaviors, multi-scale approaches, dynamic analysis, and multi-physics design activities, are especially welcome.

Guest Editor

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Deadline for manuscript submissions

closed (1 March 2022)



Applied Mechanics

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CiteScore 3.5



mdpi.com/si/77449

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