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Design and Manufacturing for Lightweight Components and Structures

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Deadline for manuscript submissions:

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Message from the Guest Editors

The theme of this Special Issue is "Design and Manufacturing for Lightweight Components and Structures." It is intended to provide a platform for scholars and investigators to share their latest theoretical and technological achievements, and original ideas are expected to be presented in the papers submitted. The topics to be investigated include, but are not limited to, the following:

- Advanced lightweight materials;
- Structural optimization and design;
- Simulation and computational modeling;
- Composite materials and processing technology;
- Dissimilar material joining;
- New metal joining technology;
- Quality inspection/detection technology;
- Lightweight design for automotive, aerospace, marine, and consumer electronics;
- Additive manufacturing technologies for lightweight components;
- High performance manufacturing tools;
- Sustainable manufacturing;
- Energy efficiency and environmental protection.









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Message from the Editor-in-Chief

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There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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