

## Special Issue

# Lightweight and High-Strength Sandwich Panel (2nd Edition)

### Message from the Guest Editors

The lightweight and high-strength sandwich panel has the advantages of high specific strength and specific stiffness properties, so it has good application prospects in the aerospace, shipbuilding, and construction industries. With the development of sandwich structure design and optimization, different core shapes appear and are applied in various engineering fields. At the same time, the development of industry also requires the development of sandwich panel materials and processes. This Special Issue is dedicated to the mechanical performances of lightweight sandwich panels. Topics of interest include (but are not limited to):

- experiments of lightweight and high-strength sandwich panels;
- mechanical analysis of lightweight and high-strength sandwich panels;
- numerical simulations of lightweight and high-strength sandwich panels;
- damage and failure of lightweight and high-strength sandwich panels;
- design and application of lightweight and high-strength sandwich panels;
- multiscale modeling of lightweight and high-strength sandwich panels;
- optimization of lightweight and high-strength sandwich panels.

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## Materials

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### Message from the Editor-in-Chief

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