Special Issue

Experimental and Numerical Analysis of Sandwich Structures

Message from the Guest Editors

This Special Issue is an attempt to present current problems concerning the mechanics of sandwich structures, examples of new applications and modern research methods, and possible new areas of implementation. Among others, the following topics on sandwich structures are the main focus areas of this Special Issue: experimental identification of material parameters, structural behaviour, local or global instability, application of functionally graded materials, non-homogeneity and anisotropy of materials, numerical modeling, shear deformability, nonlinear effects, creep of materials, failure prediction, and new core materials. There are no particular restrictions on the thematic areas of this Special Issue as long as the submitted manuscripts relate to sandwich structures. *Materials* readers and authors are encouraged to submit their latest research work in these areas, with an emphasis on experimental and numerical analysis.

Guest Editors

Prof. Dr. Zbigniew Pozorski

Prof. Dr. Jörg Lange

Prof. Dr. Agnieszka Sabik

Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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