Special Issue

Technologies for Joining and Forming Thin-Walled Structures in the Construction of Transportation Vehicles

Message from the Guest Editors

This Special Issue will publish high-quality scientific publications, especially those describing experimental research and numerical modeling of the technology of lightweight load-bearing structures. The main topics of the publications are welded joints of unweldable metals, adhesive joints, friction-welded joints, improvement of the impact strength and fatigue life of joints occurring in thin-walled structures, new methods of forming of stiffeners (e.g., incremental sheet forming), as well as sealing joints and their anti-corrosion protection. The aforementioned research topics should relate to the construction of vehicles, and the primary research objective should be to indicate the directions of new manufacturing methods that can reduce the weight of structures while maintaining their functional properties. For more information, you can click the following link: https://www.mdpi.com/journal/materials/special_issues/technologies_joining_forming_vehicles

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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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