Special Issue

Welding, Joining and Coating of Metallic Materials

Message from the Guest Editors

Welding, joining and coating are among the most important methods in metallic processing. The majority of research works deal with obtaining the required chemical and phase compositions, microstructures, and mechanical, physical and technological properties. The scope of the forthcoming Special Issue will focus on recent innovative and pioneering works in the field of metallic materials processes of welding, joining and coating. Topics include, but are not limited to:

- Ferrous and non-ferrous alloys welding processes
- Advanced methods of metallic materials joining
- Metals solidification processes
- Alloying and modification of metallic materials
- Metals advanced coatings
- Modeling and simulation

Keywords

- welding
- solidification
- coating
- metals
- materials properties
- build-up

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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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