

Special Issue

Welding of Steels

Message from the Guest Editor

Steels are still an undisputable material for many of constructions made today. Both stainless and ordinary C-Mn steels have developed significantly over the last few years, as a response to new demands for strength, corrosion resistance, etc., for a more sustainable future. However, to make effective use of these steels, they need to be weldable. This Special Issue will deal with welding of modern steels, both newer steels and application of new welding techniques for the lower strength levels as well as new very high strength steels. It will also cover welding of stainless steels, with its multitude of alloys. Significant research is going on around the world about welding of these new steels, in terms of steel design, consumable design and welding techniques, which need to be highlighted. Papers on experimental investigations as well as numerical analyses are welcome to illustrate the progress made within this field. Keywords

- Welding
- High strength steels
- Stainless steels
- New alloys
- Metallurgy
- Welding techniques

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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