

Special Issue

Additive Manufacturing of Corrosion Resistant Alloys

Message from the Guest Editor

As the field of application of additive technologies expands, it becomes clear that new materials need to be further developed to take advantage of additive manufacturing. The expansion of the range of materials suitable for additive manufacturing requires extensive research to establish process, structure, and properties. With the accumulation of sufficient information will be possible to create a database of physical and chemical processes occurring in materials, and expand the range of metal and non-metallic materials used in additive technologies. This special issue is dedicated to the latest research related to the study of methods of manufacturing corrosion-resistant alloys for additive production. Research achievements in industrial conditions as well as fundamental research articles are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2021)



Metals

an Open Access Journal
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Impact Factor 2.5
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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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