Special Issue

Additive Manufacturing: Accuracy, Suitability, Sustainability and Costs

Message from the Guest Editor

Additive manufacturing is an emerging manufacturing process with huge potential. Many studies have recently been developed regarding the different approaches already made in terms of technology. However, in order to better explore the most recent developments, it is also necessary to study important aspects such as the accuracy of each technology, their suitability for particular applications, how the processes are sustainable, and the development of models able to predict the production cost regarding different technologies and equipment, as well as material, geometry of the parts, filling characteristics, and so on. This Special Issue intends to disseminate recent high-quality studies in this field, regarding the production of metallic parts by additive manufacturing. Theoretical and experimental works will be welcome, highlighting the differences between technologies and characteristics of the parts.

Guest Editor

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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