

Special Issue

Metal Additive Manufacturing Processes and Applications

Message from the Guest Editor

The additive manufacturing technique, feasible for use with customized, small-scale production, is emerging and being highlighted as a replacement for mass production manufacturing technology. At present, however, metal additive manufacturing is not a complete technology that can directly replace conventional manufacturing methods. In order to secure applicability and extensibility in the field of metal additive manufacturing, numerous technical verification efforts and data must be accumulated, and creative solutions must be sought. Therefore, this Special Issue will gather high-quality research efforts in the field of metal additive manufacturing that introduce the innovative efforts that are being made for successful technology settlement.

Guest Editor

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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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