



Metal Additive Manufacturing: Design, Performance, and Applications

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Message from the Guest Editors

Dear Colleagues,

Additive manufacturing (AM), due to its high potential for forming complex shapes in an almost unrestricted manner, allows the production of individualized products and fully functional parts for a wide range of engineering materials. Research in AM of metals, there is still a need for a robust understanding of processes, challenges, application-specific needs, and considerations associated with these technologies.

Hence, this Special Issue aims to provide an opportunity for researchers to submit high-quality comprehensive reviews, original research papers and technical case studies in the field of metal additive manufacturing. Topics include but are not limited to:

Metal AM process, such as Powder bed fusion, Electron beam, and other customized and novel processes;
Microstructure characterization/defects–mechanical property relationships;
Post-build/in situ treatments and their influence on material properties and final quality;
Development of alloys/materials customized for AM and multi-material metal AM;

etc.





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Message from the Editor-in-Chief

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