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Additive Manufacturing of Metals and Alloys: Recent Advances and Challenges

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Message from the Guest Editors

Dear Colleagues,

Additive manufacturing (AM) is an important manufacturing strategy in Industry 4.0. Compared with traditional manufacturing and processing methods of metallic products, AM exhibits huge advantages in terms of more flexible geometrical shapes, higher efficiency, better performances, less waste, and carbon emission. A wide range of applicable materials provides potentials that AM can flexibly realize stringent requirements of different fields and industries, such as vehicles, aircraft, spacecraft, marine engineering, nuclear power, medical treatment, and defence.

This Special Issue aims to cover the latest progress in the field of additive manufacturing of metals and alloys, including the preparation process, microstructure characterization, properties evaluation, and advanced applications. Submissions of original research articles, reviews, and short communications related to the subject are welcome.





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Message from the Editorial Board

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