



## Additive Manufacturing of High Entropy Alloys

Guest Editor:

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Deadline for manuscript submissions:

**closed (10 August 2022)**

### Message from the Guest Editor

Additive manufacturing (AM), commonly known as 3D printing, is a newly emerging technology for bringing about revolutionary manufacturing by the integration of design flexibility and the rapid fabrication of complex parts through the bottom-up accumulation of materials. These merits make it widely accepted as a new paradigm for the production of high-end components in the aerospace, automotive, healthcare, marine, and energy fields. High-entropy alloys (HEAs), emerging as a novel frontier in the metal materials community, exhibit superior properties due to the presence of multiprincipal elements and are considered alternative materials for critical components in extreme applications. The fabrication of HEAs using AM has attracted increasing attention in both academic and industrial organizations.

This Special Issue aims at collecting cutting-edge original research papers and reviews on the latest advances in the AM of HEAs. The topic themes include HEA alloy design, processing parameter optimization, characterization techniques, microstructure–property relationships, process modelling, application advances, etc., specifically for AM.





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## Message from the Editor-in-Chief

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