



Metal Additive Manufacturing for Aerospace Applications

Guest Editor:

Dr. Kyriakos I. Kourousis

Senior Lecturer (Associate Professor), School of Engineering, University of Limerick, V94 T9PX Limerick, Ireland

Deadline for manuscript submissions:

closed (28 February 2023)

Message from the Guest Editor

This Special Issue on “Metal Additive Manufacturing for Aerospace Applications” aims to identify key advances achieved by the research and industry community in the various fields associated with the following topics. Original research papers and comprehensive reviews, including case studies on aerospace applications, are welcomed.

- Development of new aerospace metal alloys for fabrication via additive manufacturing (AM) methods;
- Characterization of the mechanical and physical properties of aerospace AM alloys;
- Modelling and prediction of the mechanical performance of aerospace AM alloys;
- Design and optimization of the mechanical properties, geometry, and weight of aircraft and spacecraft parts fabricated via metal AM;
- Qualification and certification of AM alloys and parts for use in aircraft and spacecraft;
- Development and optimization of metal AM methods aiming to improve quality and productivity in aerospace manufacturing;
- Development of metal AM solutions for the sustainment of civil and military aircraft.





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Prof. Dr. Konstantinos Kontis

School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

Message from the Editor-in-Chief

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Aerospace Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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