

## Special Issue

# Metal Additive Manufacturing for Aerospace Applications

### 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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### Guest Editor

Dr. Kyriakos I. Kourousis

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

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### Deadline for manuscript submissions

closed (28 February 2023)



## Aerospace

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### Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

*Aerospace* adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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### Editor-in-Chief

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