

Special Issue

Metal Additive Manufacturing and Welding

Message from the Guest Editors

Both additive manufacturing (AM) and welding are vital for the fabrication of metallic components. This Special Issue is devoted to publishing original research and high-quality review articles relevant to recent advances in metal additive manufacturing and welding. Potential topics covered by this Special Issue will include, but are not limited to, the following:

- Wire arc additive manufacturing;
- Laser-based additive manufacturing technologies;
- Sinter-based/binder jetting additive manufacturing technologies;
- Additive manufacturing of titanium, copper, magnesium and their alloys;
- Multi-material additive manufacturing technologies;
- High speed additive manufacturing technologies;
- Solid-state additive manufacturing;
- Additive manufacturing in aerospace;
- Laser welding, ultrasonic welding, friction stir welding, and dissimilar material welding.

Guest Editors

Dr. Chaoqun Zhang

Shanghai Key Laboratory of Digital Manufacture for Thin-Walled Structures, School of Mechanical Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

Dr. Alphons Anandaraj Antonysamy

Additive Manufacturing Centre, GKN Aerospace, Bristol BS34 6FB, UK

Dr. Bram Neirinck

Rue d'Abhooz 31, 4040 Herstal, Belgium

Deadline for manuscript submissions

closed (31 January 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/94928

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)