

Special Issue

Recent Advances of Additive Manufacturing in the Modern Industry

Message from the Guest Editors

This Special Issue is dedicated to presenting the latest advancements in the field of additive manufacturing (AM). Over the past decade, AM has emerged as a transformative technology with widespread applications across various industries. This Special Issue aims to showcase the current state and progression of knowledge in the realm of AM, exploring its diverse applications and technological innovations. Researchers are invited to contribute original works and reviews that delve into, but are not limited to, the following aspects of AM:

- Manufacturing technology;
- Numerical simulation;
- Design and process optimization;
- Material selection and development;
- Process monitoring and control;
- Energy efficiency and management;
- Pre- and post-processing;
- Quality control.

This Special Issue aims to foster discussions and advancements in the realm of AM. Contributions that provide insights into the future directions of this interdisciplinary research are highly encouraged. Researchers are invited to share their expertise and contribute to the collective understanding of the most current progress of AM that shapes the landscape of modern industry.

Guest Editors

Dr. Jakub Mesicek

Prof. Dr. Jana Petru

Dr. Jiří Hajnýš

Prof. Dr. Tomasz Kozior

Dr. Marek Pagáč

Deadline for manuscript submissions

20 September 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/195138

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)