

Special Issue

Advanced Materials in 3D Printing

Message from the Guest Editors

Additive manufacturing (AM), commonly referred to as 3D printing, plays an unquestionably important role in the world today. Cited by Forbes, Wohlers Report 2020 states that in 2019, the AM industry, consisting of all AM products and services worldwide, grew 25% to \$12 billion. Besides the importance already achieved by AM at the present time, it is expected that its significance will increase in the future. AM's contributions extend to several relevant fields such as aerospace, automotive, construction, electronics, energy, healthcare, and optics.

The aim of this Special Issue is to provide a scientific platform regarding the development of advanced materials for 3D printing to discuss the present advances and challenges in 3D printing technologies. The Special Issue, entitled Advanced Materials in 3D Printing, is intended to be a broad spectrum forum for the presentation of publications in the form of original research articles or review papers addressing the most recent studies on the synthesis, processing, and characterization of advanced materials for 3D printing.

Guest Editors

Prof. Dr. Carlos Miguel Santos Vicente

IDMEC, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, 1049-001 Lisbon, Portugal

Prof. Dr. Marco Leite

IDMEC, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal

Deadline for manuscript submissions

closed (20 May 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/96868

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)