



Advanced Materials in 3D Printing Technology II

Guest Editors:

Dr. Stefania Porcu

Department of Physics, University
of Cagliari (IT), S.p. no. 8 Km0700,
09042 Monserrato, CA, Italy

Dr. Annalisa Chiappone

Department of Applied Science
and Technology, Politecnico di
Torino, Turin, Italy

Deadline for manuscript
submissions:

closed (20 May 2024)

Message from the Guest Editors

Three-dimensional printing (3DP) technologies enable the production of advanced parts with high performance and a unique design. The continuous development and improvement of advanced printable materials is then a stringent request for the evolution of 3DP technologies.

Polymers and polymer-based composites can be specifically designed to produce parts with excellent mechanical properties that also have advanced functionalities, e.g., optical, electronic, or sensing characteristics; controlled deformation; self-repairing ability, among others. The development of sustainable materials is also of extreme importance for the improvement of technology.

The Special Issue, entitled “Advanced Materials in 3D Printing Technology”, aims to be a broad-spectrum forum for the presentation of original research articles or review papers spanning from the synthesis to the processing, characterization, and application of advanced polymeric materials for 3DP.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)