

## Special Issue

# Polymeric Materials in 3D Printing

### Message from the Guest Editor

The field of additive manufacturing (AM), also known as 3D printing, has evolved significantly over time, reshaping material paradigms. The global prominence of AM highlights the significance of this Special Issue, uniting cross-disciplinary fields to navigate current needs and empower innovation. This Issue features state-of-the-art reviews and pioneering research on innovative AM materials, including composites, polymers, and conductive, magnetic, and smart materials, as well as materials for biomedical applications. Contributions concerning new AM technologies and process optimization, material design for AM, and characterization of AM parts are welcome. In this Special Issue, materials engineered for next-generation AM applications are explored, including, but not limited to, the following topics:

- Novel materials tailored for AM.
- Advancements in AM processes.
- New applications of AM.
- Specialized characterization techniques.
- Establishment of quality control protocols.

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### Guest Editor

Prof. Dr. Costas Charitidis

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### Deadline for manuscript submissions

closed (31 July 2025)



## Polymers

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## About the Journal

### 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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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