

## Special Issue

# Advances in Polymeric Additive Manufacturing—2nd Edition

### Message from the Guest Editors

This Special Issue re-presents a new endeavor to collect contributions dealing with polymeric additive manufacturing papers, following the first volume with the same title. While the main aim remains the same, that is to enhance our understanding of the influences among materials, processes, and part design for additively manufactured components, in this second volume, special attention will be given to contributions dealing with a combination of additive manufacturing and machine learning. As concerns the topics, contributions dealing with the investigation of the process conditions on mechanical performances, such as elastic properties, strength, failure, and fatigue behavior, are welcome when backed up by an analytical or finite element background. In addition, contributions dealing with polymers, short fiber-reinforced polymers, long fiber-reinforced polymers, metal composite multi-materials, and biomedical material-based additive manufacturing are also welcomed. Case studies on additive manufacturing applications are also welcomed if a clear scientific connection among design, process, and product is established.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2025)



## Polymers

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### 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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