

## Special Issue

# Computational Modeling and Simulation of Polymer Composites

### Message from the Guest Editor

This Special Issue is aimed at publishing original contributions related to the computational modeling and simulation of composites with polymer fiber or composites with a polymer matrix for practical engineering applications. Studies on computational modeling approaches focusing on the material properties of these composites are welcome. Contributions must be focused on the relation of polymer composites to computation using numerical approaches such as the finite element method (FEM) using any software, such as ANSYS, ABAQUS, etc. Contributions may also focus on the optimization of polymer composites (e.g., cord angle optimization), or computational modeling and simulation of the mechanical behavior of polymer composites under load. Topics of interest include the verification of results with experiments, evaluation of results, clarification of novel computational approaches, what has been achieved in relation to practical applications, etc. It is an honor and a pleasure to invite you to contribute to this Special Issue.

### Guest Editor

Prof. Dr. Jan Krmela

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### Deadline for manuscript submissions

closed (5 October 2023)



## 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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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