

## Special Issue

# Mechanical Behaviors of Polymer and Polymer Composites

### Message from the Guest Editor

Remarkable developments in the field of polymers with polymolecules have made it possible to produce new composite materials and smart materials and structures that are lighter and stronger than traditional polymer materials and its composite materials, which was born by the increasing demanding from the fields of robots, aerospace, sensors, etc. The designs of the new polymer materials and the polymer composite materials were based on the self-advantages of polymolecules and self-properties of the different ingredients of composite materials. To seek high-performance polymers and their composites, as well as for better understanding of the deformation mechanism, the fundamental scientific principles should be proposed based on the mechanical behavior of the new polymers and their composite materials by experimental, numerical, or data-driven methods. We encourage authors to publish highly valuable manuscripts related to the mechanical properties of polymers and polymer composite materials.

### Guest Editor

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### Deadline for manuscript submissions

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## 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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