

## Special Issue

# New Polymer Fibers: Production and Applications

### Message from the Guest Editors

At present, in a new era where knowledge and science are tools to develop new materials with new characteristics, all scientists are called on to develop these new materials to meet the new requirements often imposed by society, in a more sustainable, efficient, and less expensive way. The future advances and knowledge in these scientific topics are sure to impact daily life worldwide. This Special Issue, "New Fibers: Productions and Its Applications", aims to be a collection of high-quality original/review papers focusing on recent progress in: a) New natural and synthetic fibers: production processes, properties upgrade and possible applications; b) Novel fiber-based materials; c) Additives and fiber modifications: product characterization and nanotechnologies to improve physical properties of fiber-based materials; d) Composites, smart, sustainable, and other novel fiber-based materials. **Keywords:** natural fibers; physical properties; synthetic fibers; process production; applications; composites; biomaterials; smart materials; nanomaterials; sustainable materials

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2025)



## Polymers

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Impact Factor 4.9  
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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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