

## Special Issue

# New Developments in Fiber-Reinforced Polymer Composites

### Message from the Guest Editors

Lightweight construction drives innovation in many industrial sectors and features crucial technologies to achieve climate and sustainability goals. An important class of lightweight materials is fiber-reinforced polymer composites. Fiber-reinforced polymer composites combine low weight with excellent mechanical properties, high durability, stiffness, damping properties, flexural strength, and resistance to corrosion, wear, impact, and fire. Hence, fiber-reinforced composites are found in applications in mechanical, construction, aerospace, automobile, biomedical, marine, and many other manufacturing industries. The properties of fiber-reinforced composites depend on the constituents, the applied processing technologies, and the component design. In these three areas, a multitude of approaches are available to derive the optimum solution for a particular application. Furthermore, sustainable approaches play an increasingly vital role starting at but not limited to the design, material selection (e.g., natural fibers or matrices derived from renewable resources), processing and recycling, as well as modeling of fiber-reinforced polymer composites.

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### Guest Editors

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### Deadline for manuscript submissions

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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 4.9.

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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