

## Special Issue

# High-Performance CFRP Composites: Research, Fabrication, Characterization, and Application

### Message from the Guest Editor

Multifaceted engineering applications have triggered the demand for high-performance polymer composites. Due to the zero thermal expansion coefficient and low density, some strategic applications demand high-performance CFRP with complex geometric orientation and greater geometric tolerance. This strategy has indicated the demand for a well-prescribed and complex composite tooling technique, fabricability, and machinability of the CFRP to meet those demands. The current issue highlights those strategies in terms of fabrication and manufacturability.

The aim of this Special Issue is to highlight recent research and progress on fabrication, characterization and application of high-performance carbon fiber-reinforced composites. The content of this issue will include, but is not limited to, advanced composite layup, matrix reinforcement, composite tooling addressing via both experimental and numerical approaches.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2022)



## Polymers

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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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