Special Issue

Injection Moulding of Polymer Composites

Message from the Guest Editors

Polymer composites offer specific strength, stiffness, and other properties, allowing design as needed. The conventional thermoplastic composite moulding processes for fabricating a well-impregnated composite involve compounding and subsequent injection moulding processes. Innovative composite materials and innovative approaches are investigated with the purpose of enhancing properties, enlarging applications, and optimizing the processing. The scope of this Special Issue includes, but is not limited to, the following:

- the development of polymer composite material systems for injection moulding;
- multifunctional and multiscale composites for injection moulding;
- advances in injection moulding processes for polymer composites;
- modelling of polymer composite injection moulding;
- online monitoring/measurement in polymer composite injection moulding;
- interfaces of composite by injection moulding;
- new approaches to predict and measure mechanical, physical, chemical, and wear behaviour, as well as the performance of polymer composites by injection moulding, and the characterization and application of polymer composites injection moulding.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker
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