

Special Issue

Rheology Applied to Polymer Characterization and Processing: A Themed Honorary Issue to Prof. Antxon Santamaria

Message from the Guest Editors

Polymers and rheology have been feeding each other since the 1920s. In fact, scientific and technological development of polymeric materials is based on the correlation synthesis/compounding-characterization-rheology-processing-properties/applications. The double engagement of rheology in both polymer characterization and polymer processing is currently an undeniable reality. On the other hand, polymer processing in general crucially requires the contribution of rheology to advance molding simulation for design and manufacturing. Much work should be done to disclose the rheological implications of layer-by-layer lamination of solutions and melts and different additive manufacturing methods (3D Printing). The challenge of processing complex polymeric materials, such as those mentioned, can only be faced with the help of sound rheological studies. Theoretical and experimental works within this scope are welcome in this Special Issue.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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