



Advances in the Mechanical Behavior of Polymeric Materials

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to research activities concerning the characterization of the mechanical behavior of polymeric materials (including polymer composites).

Publications may focus on (but are not limited to) the optimization of process parameters for the production of polymeric specimens with high mechanical properties, on experimental/numerical methods for the investigation/prediction of the mechanical behavior, and/or on the characterization of the failure mechanism of polymeric materials.

Topics of interest include:

- Theoretical aspects of the mechanical behavior of polymeric materials;
- Characterization of fracture phenomena of polymeric components;
- Experimental research on the mechanical behavior of polymeric components;
- Optimization of process parameters to maximize mechanical properties;
- Design of experiments in additive manufacturing of polymers;

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Special Issue



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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 5.0.

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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