

## Special Issue

# Mechanical Performance and Modelling of Polymeric Materials

### Message from the Guest Editor

This Special Issue aims to provide the current landscape of the research on mechanical performance and modelling of polymeric materials. The topics of interest include the following aspects:

- mechanical performance of polymeric materials and polymer-based composites
- computational modelling and simulation for polymeric materials and polymer-based composites
- advanced multiscale computational techniques and their applications
- bio-inspired mathematical models
- optimization of the mechanical properties
- structures generation
- structure-properties relationship

The goal of this Special Issue is to bring together researchers, share ideas, and provide a platform to showcase recent research advances.

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### Guest Editor

Dr. Sofiane Guessasma

INRAE, UR1268 Biopolymères Interactions Assemblages, F-44300 Nantes, France

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### Deadline for manuscript submissions

closed (28 February 2022)



## Polymers

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**Impact Factor 4.9**  
**CiteScore 9.7**  
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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 4.9.

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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