

## Special Issue

# Advanced Polymeric Materials and Composites: Structure-Property Relationships

### Message from the Guest Editors

Contemporary times, burdened by a deepening crisis, not only in terms of energy but also those related to resources, require more and more innovative solutions. Advanced polymeric materials they can be used on a large scale, but also in niche areas where greater precision in their selection is required. Modifications of polymeric materials can be carried out in various ways, also using fillers. Different types of fillers used in polymer composites not only reduce the price of the material but also increase the possibilities of their applications. Full characteristics of the materials, assessment of the structure, properties and relationships allow to find the right application. Contrastly, it can be chosen the right material for a specific application, having full knowledge about it. However, the selection of material to be used should also take into account the lifetime of a specific product, which extends the research to degradation tests. In this Special Issue, we aim to present a contemporary overview of recent developments in the field of polymer or composites applications. Reviews, full papers, and short communications covering aspects of the current trends are all welcome.

### Guest Editors

Dr. Marta Musiol

Dr. Anita Eckstein Andicsová

Dr. Mariana Cristea

### Deadline for manuscript submissions

closed (31 December 2024)



## Polymers

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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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