

## Special Issue

# Smart Polymers and Composites: Multifunctionality and Recyclability

### Message from the Guest Editors

In the quest for advanced functional materials, polymers and derived composites are one of the main candidates due to their excellent properties and processability. Polymer-based materials have novel functionalities and are sometimes called “smart polymers”, such as shape memory, self-healing, piezoelectric, triboelectric, or bioactive polymers. Recently, interest in “sustainable” polymeric materials that are recyclable, biodegradable, and come from renewable sources has increased due to their lower environmental impact and eco-friendliness. Combining smart and sustainable polymers and composites will be the focus in the future. In this Special Issue, we welcome research articles and reviews focused on, but not limited to, thermosets, thermoplastics, and composites with advanced functionalities and/or sustainability/reusability. The aim is to provide the state-of-the-art and new advances in “smart” and “sustainable” polymer-based materials, emphasizing the relevance of these materials.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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