

## Special Issue

# Self-Healing Polymers and Composite Materials: The Revolution in Damage Tolerance

### Message from the Guest Editor

Self-healing polymers are a class of materials that possess the remarkable ability to repair themselves after damage, such as cracks or cuts. This unique property makes them highly desirable for various applications, particularly in industries where reliability and durability are paramount. Areas and subtopics of interest include (but not are not exclusive to) the following:

- A. Healing Mechanisms
- B. Potential Applications
- C. Challenges and Future Directions

As technology advances, we can expect to see these materials playing an increasingly important role in various industries and improving our daily lives.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 April 2025)



## 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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