



## Dynamic Networks for Sustainable and Self-Healing Polymers

Guest Editor:

### Prof. Dr. Christopher Evans

Department of Materials Science  
and Engineering, University of  
Illinois at Urbana, Champaign, IL  
61801, USA

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

Dear Colleagues,

Dynamic networks, including covalent adaptable networks and vitrimers, have shown promise as materials that can be readily recycled and exhibit self-healing properties. This Special Issue will highlight recent advances in dynamic bond chemistries, physical properties, reprocessability, and self-healing behavior in dynamic networks, with the aim to collect a number of research or review papers that can depict the state of the art on this interesting topic. Contributions dealing with related research fields are welcome. We hope that this fascinating subject will encourage you to submit a manuscript to this Special Issue.

Prof. Dr. Christopher Evans

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Alexander Böker

Fraunhofer-Institut für  
Angewandte Polymerforschung,  
Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
Universität Potsdam,  
Geiselbergstraße 69, 14476  
Potsdam-Golm, Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

## Contact Us

---

*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/polymers  
polymers@mdpi.com  
X@Polymers\_MDPI