

## Special Issue

# Advances in Photopolymer Materials: Holographic Applications

### Message from the Guest Editors

Photopolymers are highly adaptable for various optical applications. This Special Issue focuses on the development and characterization of photopolymer materials for optical and photonic applications. Topics covered include new media development, performance enhancements, and material optimization. Techniques explored will include the fabrication of holographic optical elements, surface embossing, and the fabrication of volumetric elements. Papers describing the behaviour of photopolymers under shrinkage, swelling and thermal conditions, and the fabrication and application of photopolymers and other photosensitive materials in sensors to produce nanostructures or holographic applications will be included. Both original contributions and technical review articles will be accepted.

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### Guest Editors

Dr. Marta Morales-Vidal

Prof. Dr. Inmaculada Pascual

Dr. Tomás Lloret

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### Deadline for manuscript submissions

30 September 2025



## Polymers

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**Impact Factor 4.9**  
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## About the Journal

### 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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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