

## Special Issue

# Advances in Smart Polymers and Materials

### Message from the Guest Editors

Polymeric systems that present versatile behaviours are currently one of the most researched topics in applied polymer science, and novel applications that were previously reserved for materials such as metals, ceramics, and semiconductors are now emerging at an unprecedented pace. As these systems continue to boom, we propose this Special Issue which deals with the creation, testing, characterization, and complex application of polymeric systems that exhibit responses to triggers such as pH and thermal changes in their surroundings (or both). The nature of these polymer systems may naturally be derived both from scratch (e.g., the development and polymerization of smart monomers) and from the modification of natural or synthetic polymeric matrixes. Additionally, the applications for these systems may be broad, extending from medical applications (e.g., drug delivery, tissue engineering) to the creation of new materials (e.g., self-healing polymers).

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### Guest Editors

Dr. Emilio Carrillo

Dr. Felipe López-Saucedo

Dr. Guadalupe G. Flores-Rojas

Dr. Amira Jalil Fragoso-Medina

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### Deadline for manuscript submissions

closed (10 June 2023)



## Polymers

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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

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