

Special Issue

Development of Applications of Polymer-Based Sensors and Actuators

Message from the Guest Editors

This Special Issue is open to contributions on the development and applicability of polymeric sensors/actuators, with special emphasis on the automotive industry, as well as following:

- Flexible sensor/actuator development, design, assembly, and characterization;
 - Hybrid solutions between flexible and rigid devices or machined electronics;
 - Theoretical and experimental studies concerning mitigation methods for flexible devices response hysteresis, drift, mechanical wear, etc.;
 - Studies of flexible sensors and actuators towards artificial intelligence integration on vehicles. **Keywords:** sensor ubiquity on vehicles; flexible sensing; polymer base device; hybrid multi-sensing; conformable devices
- Early bird discount** can be enjoyed for manuscripts submitted before 31 December 2024. For details, please contact shelly.gu@mdpi.com.

Guest Editors

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Dr. Nikola Perinka

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Deadline for manuscript submissions

30 September 2025



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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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