

# Special Issue

## Functional Polyurethanes II

### Message from the Guest Editor

Nowadays, polyurethanes (PUs) are considered to be the most versatile and rapidly emerging class of polymers that are able to meet specific needs of our society. Using the chemical reaction between isocyanates and polyols, PUs in different forms can be synthesized. The wide variety of both the isocyanate and the polyol components, as well as the variation of the reaction conditions allows us to tailor the mechanical, chemical and even the biological properties for a particular PU system. The term “functional” in the manner we use herein represents not only the chemical modification possibilities, but also covers functional properties operating based on different mechanisms. The aim of this Special Issue of *Polymers*, entitled “Functional Polyurethanes II” is to cover the most recent progress in the field of polyurethane “functionalization”. This Special Issue will also consider the novel design, synthesis and characterization of functional monomers/polymers including theoretical calculations, too, as well as the applications of functional PUs.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)



## 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 4.7.

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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