



Functional Polyurethanes II

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Sándor Kéki
Guest Editor





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