# Special Issue

# Topology Effects on Polymer Properties

### Message from the Guest Editors

Recent synthetic methods have allowed preparing macromolecules with different topologies and very well-defined architectures, comprising ring polymers, star polymers, comb polymers, polymer brushes, and dendrimers, to name the most common ones. The further possibility of having unlikely repeat units, thus considering random and, in particular, block copolymers, can provide an additional degree of freedom to tailor the macromolecules' properties and tune their performance. These different architectures may lead to new and peculiar polymer properties in that they can affect both the conformational and the dynamical properties of these polymers, hence, for instance, their rheological and transport properties. Additionally, the possible functionalization of the end groups in branched polymers may increase their versatility. Accordingly, all these features may lead to smart functional materials with a large array of possible applications in many, largely unrelated nanoscience and nanotechnology fields, in particular, for instance, in nanomedicine.

### Guest Editors

Prof. Fabio Ganazzoli

Department of Chemistry, Chemical, and Material Engineering "G. Natta", Polytechnic University of Milan, Milan, Italy

Prof. Dr. Giuseppina Raffaini

Department of Chemistry, Chemical, and Material Engineering "G. Natta", Polytechnic University of Milan, Milan, Italy

### Deadline for manuscript submissions

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*Polymers*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

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

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