



## Structuring and Modification of Polymer Systems for Multifunctional Textiles

Guest Editors:

**Dr. Francois Rault**

ENSAIT Ecole Nationale  
Supérieure des Arts et Industries  
Textiles, Roubaix, France

**Dr. Stéphane Giraud**

ENSAIT Ecole Nationale  
Supérieure des Arts et Industries  
Textiles, Roubaix, France

**Prof. Dr. Fabien Salaün**

ENSAIT, ULR 2461 - GEMTEX -  
Génie et Matériaux Textiles,  
University Lille, F-59000 Lille,  
France

Deadline for manuscript  
submissions:

**closed (25 July 2022)**

### Message from the Guest Editors

Dear Colleagues,

The textile field has been in constant evolution since its emergence. Originally, human beings needed clothing to protect themselves from the external environment. The aim of this Special Issue is to cover the multifunctional polymeric materials (additives such as microcapsules, colorants and dyeing, aftertreatment such as coating, development of synthetic fiber, etc.) dedicated for textile uses along all these life steps: synthesis, processing, characterization (chemical and/or physical), etc. We would welcome contributions dealing with related research fields both for growing applications such as smart textiles (sensors, energy harvesting, etc.) and for more traditional applications (fire retardant, antibacterial, etc.). As environmental aspects are one of the major concerns of the textile industry, these contributions will also be welcome in this Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Alexander Böker

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

## 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 5.0.

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

## Contact Us

---

*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/polymers  
polymers@mdpi.com  
X@Polymers\_MDPI