

## Special Issue

# Smart and Modern Thermoplastic Polymer Materials

### Message from the Guest Editor

The Special Issue covers fundamental research and applications of modern thermoplastic materials within novel scopes related to self-healing materials, energy harvesting and sensors. The use of thermoplastic polymers with smart features is widespread, ranging from polymers for photovoltaics, to optical sensing, nanocomposites with graphitic fillers, thermoreversible materials, and many others. Papers are aimed at highlighting the latest research in the area or summarizing selected areas of the different topics. The preparation of smart thermoplastic polymers including polymer nanocomposites, their detailed characterization and their ultimate applications are reported and discussed to provide the most illustrative information. Different properties and applications are intertwined throughout the Special issue. All of the authors contribute examples of modern and smart thermoplastic polymer materials that are relevant and illustrative for academic scientists, researchers and industry.

### Guest Editor

Prof. Dr. Andrea Pucci

Department of Chemistry and Industrial Chemistry, University of Pisa,  
Via G. Moruzzi 13, 56124 Pisa, Italy

### Deadline for manuscript submissions

closed (20 July 2018)



## Polymers

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

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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

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

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