







an Open Access Journal by MDPI

# **Advanced Polymer Hybrid Materials**

Guest Editors:

### Prof. Dr. Heitor Luiz Ornaghi Júnior

Postgraduate Program in Process Technologies and Engineering (PGPROTEC), University of Caxias do Sul, Caxias do Sul CEP 95070-560, Brazil

### Dr. Francisco Maciel Monticeli

Department of Aeronautical Engineering, Technological Institute of Aeronautics (ITA), São José dos Campos, Brazil

#### Dr. Lucas Dall Agnol

Department of Materials, Universidade de Caxias do Sul, Caxias do Sul, Brazil

Deadline for manuscript submissions:

closed (5 November 2023)

# **Message from the Guest Editors**

Dear Colleagues,

Hybrid polymeric materials combine the desirable characteristics of more than one class of materials and represent a wide range of applications with a rapidly growing research area englobing different applications such stimuli-responsive properties, energy conservation, organic electronics, catalysis, advanced composites and nanocomposites, among others. In this Special Issue, we welcome research papers and reviews focusing on hybrid polymer-based materials with advanced properties, in terms of synthesis/fabrication methods, characterization techniques, smart and responsive materials and recent applicative developments. including environmental sustainability and end-of-life issues. The aim is to present the state-of-the-art of advanced polymeric materials, highlighting the newest developments in structures and properties.

Prof. Dr. Heitor Luiz Ornaghi Júnior Dr. Francisco Maciel Monticeli Dr. Lucas Dall Agnol Guest Editors











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**