

Special Issue

High Performance Rubber Materials: From Fundamental to Advanced Applied Science

Message from the Guest Editor

Rubber has been a strategic material since its discovery, although it was originally obtained exclusively from the *Hevea brasiliensis* tree. Today, different types of rubber are obtained by different synthetic routes, mainly by copolymerization. In addition to conventional rubbers, there are also specialty rubbers, such as fluorosilicones and fluoroelastomers. The advent of nanotechnology and advanced characterization, not only at the basic science level but also at the applied level, has opened up a multitude of possibilities. This is due to the incorporation of nanomaterials as nanometric fillers. In this way, rubber materials with special properties are being developed for use in various high-tech applications. In this context, a Special Issue is proposed to focus on the development of rubber materials with advanced properties for high-tech applications, which will undoubtedly have several potential applications in technological areas of interest such as energy, aerospace, and electronics, among others.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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