Special Issue

Conductive Polymer Composites: Structure, Properties and Applications

Message from the Guest Editors

Conductive polymer composites (CPCs), which consist of conductive fillers dispersed in a polymer matrix, have attracted considerable academic and industrial attention due to their tunable properties, wide range of applications and ease of fabrication. The development of characterization methods is expected to lead to a deeper understanding as well as morphological control of conductive networks in CPCs. The corresponding novel structures and properties increase the performance of the material, thus facilitating the wider application of CPCs. This Special Issue on "Conductive Polymer Composites: Structure, Properties and Applications" will curate recent developments in the characterization and utilization of CPCs, with a special focus on the network structure of CPCs for better balance among electrical conductivity, mechanical properties, and filler contents. Topics of interest include but are not limited to:

- Characterization of novel CPCs;
- Strategies for fabrication of novel CPCs;
- Formation mechanism of conductive networks in CPCs;
- Properties of novel CPCs;
- Novel applications of CPCs.

Guest Editors

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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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