

Special Issue

Polymer-Based Dielectric Materials

Message from the Guest Editors

In recent decades, the academic and industrial interest for polymer-based dielectric materials has been reflected in the development of new formulations with polymeric materials for a wide gamut of applications. As science and technology advance further, researchers are facing new challenges and they are pursuing lighter, more cost-effective and more efficient materials.

Compared to conventional dielectrics, polymers-based dielectric materials show exciting features, such as easy processability in various required shapes, scalability, flexibility and stretchability, lightweight, controllable optical properties and high reliability. The aim of this Special Issue is to bring together the latest studies on polymer-based dielectric materials designed for optoelectronics, transducers, capacitors, sensors, etc. Various types of dielectric polymers, such as free-standing polymer films or coated polymers, polymer blends or organic-inorganic materials-based hybrid nanocomposites are included.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2022)



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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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