

Special Issue

Advanced Polymeric Materials for Electrical Insulation and High-Voltage Applications

Message from the Guest Editor

This Special Issue focuses on advanced polymeric materials for electrical insulation and high-voltage applications. It aims to present the latest research and developments in polymeric materials that exhibit exceptional electrical insulation properties, thermal stability and mechanical strength, making them suitable for use in high-voltage equipment, insulators, power cables and other electrical insulation systems. This Special Issue covers various aspects of polymeric materials, including their synthesis, processing, characterization and application in electrical insulation. It explores the challenges and opportunities in developing new polymeric materials for high-voltage applications, with a focus on improving the performance, reliability and safety of electrical insulation systems. This Special Issue also highlights the potential of these advanced polymeric materials to revolutionize the electrical insulation industry by providing innovative solutions to existing problems and enabling the development of more efficient and sustainable high-voltage technologies.

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 4.9.

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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