

## Special Issue

# Polymers, Nanocomposites and Ionic Liquids for Electrical Applications

### Message from the Guest Editor

Electromagnetic radiation from telecommunications and electronic devices not only affect the operation of other electronic equipments and may affect the health of the population. Thus, the development of materials capable of shielding artifacts against electromagnetic interference has been of paramount importance. Polymeric composites containing additives able to shield the devices against electromagnetic interference present the advantage of low density, excellent electromagnetic interference shielding effectiveness (EMI SE) and other important requirements such as, design facilities, processability, flexibility and the possibility of being loaded with different fillers (include carbonaceous materials, conducting polymers, ferrites and also ionic liquids). Their applications also can be in military field. The Special Issue aims to present a selection of research papers and reviews emphasizing different materials, processing techniques, new design and structures to produce polymeric composites and nanocomposites for application as EMI shielding and also Radar absorbing materials.

### Guest Editor

Prof. Dr. Bluma Guenther Soares

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### Deadline for manuscript submissions

closed (28 July 2021)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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