



## Polymers, Nanocomposites and Ionic Liquids for Electrical Applications

Guest Editor:

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### 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.





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### Prof. Dr. Alexander Böker

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## Message from the Editor-in-Chief

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