



## Conductive Polymer Composites: Structure, Properties and Applications

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### 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.

Deadline for manuscript submissions:

**closed (20 July 2023)**





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## Editor-in-Chief

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