



## Graphene-Reinforced Polymer Nanocomposites

Guest Editor:

**Dr. Dimitrios G. Papageorgiou**

School of Engineering and  
Materials Science, Queen Mary  
University of London, Mile End  
Road, London E1 4NS, UK

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### Message from the Guest Editor

The use of graphene and graphene-related materials as reinforcements in polymer nanocomposites has attracted a great deal of attention over the last few years, from both academia and industry, due to their unique properties. The produced polymer nanocomposites usually display a significant enhancement of their ultimate properties compared to other nanofillers, such as nanotubes or nanoclays, and show great promise for use in structural and functional applications.

This Special Issue aims to provide a forum for the publication of original research/review articles on all aspects of synthesis, characterization and applications of graphene-based nanocomposites. Authors are encouraged to highlight the potential applications of the produced composites in a number of areas including automotive and aerospace, electronics, energy storage and others.

As a Guest Editor, I hope that this Special Issue will be of interest for the majority of *C – Journal of Carbon Research* readers and will serve as a stimulus to further progress research in the field of graphene-based polymer nanocomposites.

