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# Recent Advances in Composites of Polymers with Graphene and Carbon Nanotubes

Guest Editor:

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Deadline for manuscript submissions:
**closed (20 December 2023)**

## Message from the Guest Editor

Graphene is a unique material, possessing extraordinary characteristics such as excellent electrical, thermal, and mechanical properties. Some end-use polymer graphene composite applications could potentially be found in electronic devices, semiconductors, and electromagnetic shielding materials, just to name a few. However, the efficacy of the composites is proportional to the dispersion/distribution of graphene-based particles within the polymer matrix. Attempts have been undertaken to maximize graphene dispersion through either surface functionalization or polymer modification and blending to improve the graphene/polymer interactions. Therefore, this Special Issue intends to gather and disseminate recent findings relevant to the polymer graphene focus area. Topics of interest include but are not limited to, processing, polymer/graphene compatibilization, innovative analytical tools for characterizing polymer graphene composites, and the structure-property relationships of nanocomposites, with emphasis on mechanical, electrical, and thermal properties.

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## Message from the Editor-in-Chief

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