

Special Issue

Carbon-Based Polymer Nanocomposites

Message from the Guest Editors

In recent years, carbon-based polymer nanocomposites have gathered increasing interest thanks to the high efficiency of nano-sized carbon fillers in modifying the electrical and thermal conductivity of the polymer in which they are embedded, even at a very low content. Moreover, carbon fillers can significantly affect the thermal stability and mechanical and barrier properties, with a resulting multifunctional effect that makes them particularly desirable.

The aim of this Special Issue is to collect several studies on the development of advanced polymer nanocomposites based on carbon-based nanofillers (such as, for instance, carbon nanotubes, graphene, etc.). The submitted studies can deal with both thermoplastic and thermosetting polymers as a matrix. Papers presenting studies on the relationship between processing, morphology, and properties, as well as those focused on the development of novel technological applications, are particularly welcome in this Special Issue.

Guest Editors

Dr. Marco Monti

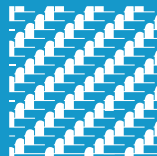
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Editor-in-Chief

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