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Graphene Based Hybrid Nanostructures: Synthesis and Characterization

Guest Editor:

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Deadline for manuscript submissions:
closed (31 October 2021)

Message from the Guest Editor

This Special Issue is dedicated to report on recent advances in the synthesis, characterization, and possible applications of graphene-based hybrid nanostructures. Graphene has been the focus of intense research interest due to its outstanding electronic, optical, mechanical, and thermal properties.

This Issue primarily addresses hybrid nanostructures that contain graphene, graphene oxide, metallic or semiconducting nanoparticles, core-shell structures, functionalized graphene, chemically modified graphene, 3D interconnected networks of different nano-objects, etc. Since the properties of these hybrid materials depend also on the interaction between the components, the control of the bonding, density, and distribution of the nano-objects is an important topic of interest.

It is my pleasure to invite you to submit a manuscript for this Special Issue. New experimental findings as well as theoretical studies are welcome.

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Message from the Editor-in-Chief

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