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Electrical, Thermal and Optical Properties of Nanocarbon Materials

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

Researchers' interest in carbon nanostructures has been ignited worldwide since their discovery. Carbon nanotubes, graphene, and other forms of carbon have shown remarkable thermal, electrical, and optical properties. This has given us hope that, thanks to them, we will be able to replace many traditionally used materials at present, the performance of which is often close to their theoretical limits.

It is my pleasure to invite you to this Special Issue of *Materials*, which aims to discuss recent findings in the area of their electrical, thermal, and optical properties with a special focus on how microstructure and composition affects them. In particular, it would be worthwhile to elaborate on how the modification of these nanocarbon architectures influences the way these materials interact with light and/or transfer electrical/thermal energy. These factors should be considered for both individual nanocarbon macromolecules such as nanotubes/flakes and their networks in the form of fibers/thin films.

Contributions such as communications, regular articles, or reviews are all welcome.

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Message from the Editor-in-Chief

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