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Nanocarbon Based Composites

Guest Editor:

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Deadline for manuscript submissions:
closed (15 December 2021)

Message from the Guest Editor

Dear Colleagues,

Carbon-based nanocomposites (CNCs) of different kinds have been designed for possible use in wide fields of applications: the aerospace and aeronautics industry, the automotive industry, civil engineering, electronics, medical equipment, and sport tools, just to mention a few. As the demand for composite applications is steadily on the rise, gaining insight on such advanced technologically innovative materials is critically important. CNCs are interesting because they are a multifunctional material, joining different phases yielding unique and high-performance materials, in which allotropic forms of carbon (e.g., graphene, nanotubes, and fullerene) can be employed as a filler. Our Special Issue is devoted to covering a broad range of research activities, findings, and recent progress related to composites based on carbon nanomaterials. Potential topics include, but are not limited to, the following:

- Synthesis/fabrication of CNCs.
- The characterization of CNCs.
- The physical and chemical properties of CNCs.
- The functionalization of CNCs.
- Emerging applications of polymer CNCs.

Prof. Stefano Bellucci
Guest Editor

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Message from the Editor-in-Chief

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