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Macroscopic Assembly of Nanocarbon Materials

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Deadline for manuscript submissions:
20 April 2025

Message from the Guest Editor

Dear Colleagues,

Nanocarbon materials, encompassing fullerene, carbon nanotubes, and graphene, have heralded the advent of the nanotechnology era. These nanocarbon materials, with their exceptional mechanical, thermal, and electronic properties, have showcased their potential across a myriad of applications. In the 21st century, extensive research efforts have been made into the assembly of nanocarbon materials to fabricate macroscopic materials, such as fibers, films, and aerogels, composed of nanocarbon. These macroscopic nanocarbon materials display an unprecedented level of multifunctionality. This Special Issue invites high-quality papers that deal with interesting research about the assembly of nanocarbon materials. The topics of interest include, but are not limited to, the following:

- Spinning of carbon nanotube fibers;
- Fabrication of carbon nanotube fibers, films, and aerogels;
- Spinning of graphene fibers;
- Fabrication of graphene fibers, films, and aerogels;
- Applications of macroscopic assemblies of carbon nanotubes;
- Applications of macroscopic assemblies of graphene.

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Message from the Editor-in-Chief

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