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Single-Walled Carbon Nanotube Based Materials and Applications

Guest Editors:

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Deadline for manuscript submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

In the last decade, there has been renewed interest in single-walled carbon nanotubes (SWNTs) and their potential applications. This is largely due to the advent of techniques that facilitate the isolation of highly-pure and/or individualized SWNT materials, including density-gradient ultracentrifugation, conjugated polymer wrapping, aqueous two-phase extraction, and electrophoresis. The ability to generate significant amounts of individualized chiralities has resulted in the production of exciting nanomaterials and composites and the prospect of a plethora of emerging applications such as electronics, sensors, ultratough composites and more. We invite you to submit new research on the development of SWNT-based systems and their applications, with particular focus on the synthesis, self-assembly, materials characterization, and integration of SWNTs. We look forward to hearing from you soon.

Prof. Benoît H. Lessard

Dr. Nicole A. Rice

Guest Editor



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Special issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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