



Carbon Nanotube-Based Materials: Experiments and Modelling

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With their vastly superior mechanical, electrical, and thermal properties, carbon nanotubes (CNTs) can be expected to seed significant developments leading to a new generation of future advanced materials. High-performance CNTs have increasingly been used in numerous applications, such as in the manufacture of multifunctional composites, engineering fibers, and electronic and electrochemical devices. Over the last decade, efforts have been carried out to improve the mechanical, electrical, and thermal performances of CNT products by controlling the length, wall number, diameter, alignment, inter-tube load transfer, and entanglement of the constituent CNTs.

This Special Issue focuses on current innovative research of carbon nanotube-based materials through experiments and computational modeling.

Assoc. Prof. Hai Minh Duong

Guest Editor





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