



## Applications of Carbon Nanotubes

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### Message from the Guest Editor

Carbon nanotubes (CNTs) are rolled up sheets of one-atom-thick carbon, also known as graphene, and can therefore be either single walled or multi-walled. Depending on what angle the graphene sheet is rolled at, as well as the diameter of the nanotube, which may also be metallic or semi-conducting in nature. The chemical bonding of the carbon atoms in nanotubes is stronger than that found in diamond, and provides CNTs with immense strength. They also possess excellent electrical and heat conducting properties which have made them the focus of research throughout the worldwide scientific community for the past 25 years. With the amazing properties they display they have found applications in many areas of science and technology including, for example, materials science, energy production and storage, nanotechnology, microscopy, drug delivery and microelectronics. This Special Issue is aimed at presenting the very latest developments in the applications of CNTs by leading research groups in the field. These invited contributions aim to give a state-of-the-art description of the crucial role that CNTs play in improving research and making a host of new and exciting devices possible.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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