Message from the Guest Editor

Dear Colleagues,

Since their discovery, Multi-Walled Carbon Nanotubes (MWCNTs) have received tremendous attention due to their unique electrical, optical, physical, chemical, and mechanical properties. Their particular characteristics make them well-matched for a plethora of application areas, namely nanoelectronics, energy management, (electro)catalysis, materials science, the construction of (bio)sensors based on different detection schemes, multifunctional nanoprobes for biomedical imaging, sorbents for sample preparation or removal of contaminants from wastewater, as anti-bacterial agents, drug delivery nanocarriers, etc.; current relevant application areas are countless.

The aim of this Special Issue is to publish original research and review articles that address advances, trends, challenges, and future perspectives regarding synthetic routes, structural features, properties, behaviors, and industrial or scientific applications of MWCNTs in established and emerging areas.

Prof. Dr. Simone Morais
Guest Editor