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# **Emission Characteristics and Properties of Carbon Nanotube Cathodes**

Guest Editor:

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# **Message from the Guest Editor**

Carbon nanotubes (CNT) are structures made of carbon often with a diameter in the range of 10 to 100 s CNTs have demonstrated exceptional nanometers. electrical, optical, and thermal properties; in addition, they also have remarkable tensile strength. CNTs are generally divided into two classes, single wall nanotubes (SWNT) and mutliwall nanotubes (MWNT). SWNT consists of a single roll of grephene and MWNT comprises multiple rolled layers of grephene stacked in a concentric configuration. The two most common lattice structures of CNTs are zigzag and armchair, which result in drastically different properties. CNTs have the potential to serve as the next-generation cathode material due to their expectional electrical and thermal conductivity. We are assembling a Special Issue of Coatings to encourage researchers to publish their novel ideas and studies on using CNT for advanced cathode development.









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## **Message from the Editorial Board**

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