# Special Issue

## Preparation, Properties and Application of Multifunctional Carbon Nanomaterials

## Message from the Guest Editor

Multifunctional carbon nanomaterials attract the attention of researchers because of their unique physical properties. The physics of multifunctional carbon nanomaterials includes modified electronic, optical, and electrical properties. Different functionalization methods were developed for multifunctional carbon nanomaterials. Applications of multifunctional carbon nanomaterials include nanoelectronics, catalysis, and biomedicine. Kinetics of growth, structures, and physical properties of multifunctional carbon nanomaterials attract special attention. Multifunctional carbon nanomaterials provide interesting growth kinetics. Activation energies and growth rates of carbon nanotubes are measured. Structures of functionalized carbon nanotubes are investigated. The modifications of properties of multifunctional carbon nanomaterials are analyzed with spectroscopies. The Fermi level variations are detected in functionalized carbon nanotubes. These topics are included in this Special Issue. Authors are welcome to suggest new topics. This Special Issue will focus on synthesis, properties, and applications of multifunctional carbon nanomaterials in physics and other fields.

### **Guest Editor**

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## Deadline for manuscript submissions

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## Message from the Editor-in-Chief

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