



Special Issue on Nanophysics and Devices

Call for Papers

The physics of nanostructures created by novel technologies, beyond their fundamental importance in basic research, also raise the possibilities for promising industrial applications. Shrinking dimensions give rise to new type of behavior radically different from common macroscopic features: simple materials may realize unexpected functions on the nanoscale. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **nanophysics and devices**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **nanophysics and devices**. In this special issue, potential topics include, but are not limited to:

- Quantum nature of the nanoworld
- Nanofabrication of devices from special materials
- Carbon and semiconductor nanostructures
- Self-assembled nanostructures in nature and industry
- Nanophysics and nanotechnology applied to sensors
- Physics-based experimental approaches to nanofabrication and nanotechnology

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Nanophysics and Devices**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	September 30th, 2020
Publication Date	November 2020

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
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