Special Issue Semiconductor Materials and Devices

Call for Papers

Semiconductor materials and devices research refers to the scientific study and development of materials and devices that utilize semiconductors for various applications. Semiconductors are materials that have properties intermediate between conductors and insulators, meaning they can conduct electricity under certain conditions. 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 **Semiconductor Materials and Devices**.

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

- Wide band-gap semiconductor materials
- Low dimensional semiconductor materials
- Compound semiconductors
- Electronic properties
- Preparation of semiconductor materials
- Energy bands and electrical conduction
- Material technology
- Semiconductor material characterization
- Semiconductor device physics
- Semiconductor device modeling and simulation
- Nanotechnology and quantum devices
- Semiconductor reliability and failure analysis
- Emerging semiconductor materials

Authors should read over the journal's For Authors 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 –*Semiconductor Materials and Devices*"** should be selected during your submission.

Special Issue timetable:

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Guest Editor:

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