



Special Issue Materials Physics and Chemistry

Call for Papers

Materials Physics and Chemistry is an interdisciplinary and foundational discipline within materials science and engineering that investigates the intrinsic physical and chemical behavior of materials at the atomic, molecular, and electronic levels. It systematically explores the interrelationships among a material's composition, structure, processing, properties, and performance. The ultimate goal is to design, synthesize, and characterize new advanced materials with tailored functionalities for specific applications. 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 **Materials Physics and Chemistry**.

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

- Superconductivity and Strongly Correlated Electronic Systems
- Energy Materials Physics and Chemistry
- Microstructure and Electronic Structure Regulation of Materials
- Surface and Interface Physical-Chemical Behavior of Materials
- Low-Dimensional and Nanostructured Materials Physics and Chemistry
- Computational Materials Physics and Chemistry
- Condensed Matter Physics and Spintronics Materials
- Advanced Functional Materials for Extreme Conditions

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 – Materials Physics and Chemistry**” should be selected during your submission.

Special Issue timetable:

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Guest Editor:

For further questions or inquiries



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