



Special Issue on Solid State Physics

Call for Papers

Solid-state physics is the study of rigid matter, or solids, through methods such as quantum mechanics, crystallography, electromagnetism, and metallurgy. The properties of solids are diverse and fascinating. From superconductivity and magnetism to ultra-hard materials and catalysts, we see properties emerge in solids that are far more than the sum of the individual atomic building blocks. Solid state physics is the study of such emergent phenomena. The primary question is: "How does chemical structure and quantum mechanics come together to create these intriguing properties?" As one of most important branches in the condensed matter physics, solid state physics is of great attractions to researchers.

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

- Crystal structure and properties
- Electronic properties
- Amorphous solids
- Dielectric crystal
- Solid magnetic
- Crystal defect
- Superlattice and the low dimensional solid

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 - Solid State Physics**" should be selected during your submission.

Also please note the following timetable:

Submission Deadline	April 21st, 2016
Publication Date	June 2016

Guest Editor:

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