Special Issue on Extreme Conditions Physics

Call for Papers

The study of matter under extreme conditions is a highly interdisciplinary subject with broad applications to materials science, geophysics and astrophysics. High-pressure properties are studied in the laboratory using static and dynamic techniques. The two differ drastically in the methods of generating and measuring pressure and in the fundamentally different nature of the final compressed state. 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 extreme conditions physics.

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

- Low temperature physical properties of strongly correlated electronic systems
- Synthesis, structure and properties of amorphous materials under extreme conditions
- High pressure new materials and physics
- High pressure crystal preparation and comprehensive extreme regulation research
- Angular resolution photoelectron spectroscopy
- Theoretical and experimental study of heavy fermion materials

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 - Extreme Conditions Physics” should be selected during your submission.

Special Issue timetable:

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Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at jmp@scirp.org