



Special Issue on Magnetism and Magnetic Materials

Call for Papers

Magnetic Materials encompass a wide variety of materials, which are used in a diverse range of applications. Magnetic materials are utilized in the creation and distribution of electricity, and, in most cases, in the appliances that use electricity. They are used for the storage of data on audiotape and videotape and on the computer disks. In the world of medicine, they are used in body scanners and in a range of applications where they are attached to or implanted into the body. The home entertainment market relies on magnetic materials in applications such as PCs, CD players, televisions, games consoles, and loudspeakers. As one of hottest topics in physics, **magnetism and magnetic materials** is an attraction to researchers.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **magnetism and magnetic materials**. Potential topics include, but are not limited to:

- Theory of magnetism of Fe-Al alloys
- Soft and hard magnetic materials and their applications
- Magnetic recording, memories, and spintronics
- Fundamental magnetic properties and cooperative phenomena
- Novel magnetic materials and device applications
- Analytical approaches for modeling of magnetic materials using Everett integral and the inverse problem approach

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Magnetism and Magnetic Materials**” should be chosen during your submission.

According to the following timetable:



Manuscript Due	May 7th, 2015
Publication Date	July 2015

Guest Editor:

For further questions or inquiries

Please contact Editorial Assistant at

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