



Special Issue on Advance in Optical Properties of Materials

Call for Papers

By “optical property” is meant a material’s response to exposure to electromagnetic radiation and, in particular, to visible light. When materials are exposed to electromagnetic radiation, it is sometimes important to be able to predict and alter their responses. This is possible when we are familiar with their optical properties and understand the mechanisms responsible for their optical behaviors. For example, we note that the performance of optical fibers is increased by introducing a gradual variation of the index of refraction at the outer surface of the fiber. This is accomplished by the addition of specific impurities in controlled concentrations.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **advance in optical properties of materials**. In this special issue, potential topics include, but are not limited to:

- Optical properties of nanostructured optical materials
- Optical properties of silicon
- Measuring optical properties of materials
- Optical properties of polymeric materials
- Optical properties of condensed matters
- Photonic crystals
- Optical devices, detectors & sensors

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Advance in Optical Properties of Materials**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	March 17th, 2016
Publication Date	May2016

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