



## Special Issue on Intelligent Materials

### Call for Papers

In recent years, there have been significant developments in the science and applications of intelligent, or 'smart', materials. These can be defined as materials with one or more properties (e.g. mechanical, thermal, optical, or electromagnetic properties) that can be varied in a predictable or controllable way in response to external stimuli, such as, for example, stress, temperature, moisture, pH and electric or magnetic fields. Such materials are now used in a vast number of applications, from photochromic lenses for sunglasses to military and aerospace uses. 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 intelligent materials.

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

- Piezoelectric material
- Shape-memory alloy and shape-memory metal
- Electrochromic material
- Dielectric elastomers
- Self-healing material
- The photomechanical effect

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 – Intelligent Materials**” should be selected during your submission.

Special Issue timetable:

|                     |                    |
|---------------------|--------------------|
| Submission Deadline | October 19th, 2016 |
| Publication Date    | December 2016      |

**Guest Editor:**

For further questions or inquiries  
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