Call for Papers

Science of Advanced Materials
(http://www.aspbs.com/sam/)

A Special Issue on

“Thin Film Technology: Processing, Properties and Applications”

Call for Papers
Thin films have tremendous advantages over their bulk counterparts and have been widely used in micro- and nano-electronics. Basically, most of the materials can be grown as thin film form, and various thin film growth techniques have been applied, such as magnetron sputtering, pulsed laser deposition (PLD), Metal-organic Chemical Vapor Deposition (MOCVD), Molecular beam epitaxy (MBE) and so on. The thin films with high quality exhibit variety of functionalities, including electrical, magnetic, optical etc. These multifunctional thin films are used in difference device fabrication.

This special issue in the journal “Science of Advanced Materials” is intended to report the most recent research on thin film technology, from thin film growth, to property investigation, to the device integration.

Contributions of all types of thin film related work are welcome and will be considered in the form of original articles, short communications and review article. The articles will be assessed based on their originality, uniqueness and scientific merit and advancements in thin film processing, property and applications.

Topics or Themes (but not limited to):

• Transparent Conductive Oxide Thin Films
• Superconducting Thin Films
• Thin Film Characterization
• Multiferroic Thin Films
• Thin Films Solar Cells
• Thin Films Lithium Ion Battery
• Magnetic Thin Films
• Epitaxial Growth
• Gas Sensor
• Nanostructure Thin Film
• Nanocomposite Thin Film

**Manuscript Preparation and Submission**

Prospective authors should submit a single file having text/figures/tables all together in MS Word format via www.mstracker.com. A graphical abstract is mandatory for all types of papers. All manuscripts will be peer-reviewed to ensure a high quality of articles. Please indicate in your cover letter that the submitted paper is original and has not been published previously and is not currently submitted to any other journal and will not be submitted elsewhere before a final decision is made by this journal. Kindly mention the Special issue topic and guest editors names in the cover letter. An early submission will get preference in case of review and publication process. All manuscripts should be prepared according to Journal’s guidelines, available at www.aspbs.com/sam/.
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IMPORTANT DATES:

Last dates of manuscript submission: **01 August, 2018**
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