A Special Issue on

Functional Nanomaterials for Energy Applications

Science of Advanced Materials (SAM)

http://www.aspbs.com/sam

Call for Papers

Energy materials have been received increasing attentions in recent years because of their dominant role in our science and society. The special issue on the “Functional Nanomaterials for Energy Applications” aims to assess the current status and to identify future priority and directions in research, design and applications of solar-energy conversion materials, advanced battery materials, energy storage materials and other new energy materials. This special issue provides a platform and an opportunity to promote mutual interaction, information dissemination and exchange between researchers, and hence to promote fruitful collaborations on advanced, state-of-the-art energy materials research and development being developed. We invite submission of review articles and original research articles full papers/communications covering the following topics and scopes (but not limited to):

- Advanced power source materials
  - Fuel cell, Li-ions battery and other advanced battery materials for new type of electrochemical power sources
- Advanced energy storage materials
- Advanced materials for transformation of solar energy
  - Water splitting and photocatalysis, Photovoltaics, DSSC, Solar fuels and related materials
- Mechanism for energy transformation and storage

Manuscript Submission

Manuscripts must be prepared according to Journal’s guidelines, available at http://www.aspbs.com/sam. Submit your manuscripts in MS word or PDF format directly to the Guest Editors by email. Please include an indication of your intention to publish within the special issue to be
entitled "Special Issue - Functional Nanomaterials for Energy Applications".

All papers submitted to this issue will be subject to a strict peer review process to ensure high quality articles. Please make sure in the cover letter that the submitted paper has not been published previously and is not currently submitted for review to any other journal and will not be submitted elsewhere before a decision is made by this journal.

Please notify well in advance for your intention to submit a research paper.

**Important Date**

**Paper submission:** by 30 December 2012  
**Paper publication:** by 01 May 2013

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