

Science of Advanced Materials

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A Special Issue on

“Advanced Optoelectronic Materials”

CALL FOR PAPERS

Optoelectronic Materials are absolutely a hotspot research area nowadays, which include a large number of family members, such as semiconductors, superconductors, ferroelectrics, photovoltaic materials, liquid crystals, light-emitting materials, nonlinear optical and optoelectronic materials, laser materials, nanostructured materials, supermolecular and self-assemblies, functional polymers, organic and inorganic optoelectronic thin films. Some of these materials have already been used and will be the most important components of the semiconductor and photonic industries, integrated circuits, computers, internet, information processing and storage, telecommunications, solar cells, batteries, light-emitting diodes, liquid crystal displays, magneto-optic memories, recordable compact discs, flat-panel displays, optical waveguides, molecular-sized transistors and switches, as well as other emerging cutting edge technologies. These materials will still be the most leading forces in emerging new technologies of science and engineering.

Aiming to promote communications on the latest developments in materials for advanced electronic and optical applications, SAM is now cooperating with International Symposium on Chemical Engineering of New Materials (ISCENM, <http://chemeng.hit.edu.cn/isccnm/index.html>), held by Harbin Institute of Technology and the National Science Foundation of China, in Aug.26-28, 2009 in Harbin, China. SAM plans to publish one special issue on “**Advanced Optoelectronic Materials**”. Selected high quality submissions of ISCENM will be published in this special issue.

We invite submissions of original research articles/communications and comprehensive review papers to this special issue on the following related topics:

- **Semiconductors and photovoltaic materials**
- **Nonlinear optical, optoelectronic and laser materials**
- **Nanostructured materials**
- **Supermolecular and self-assemblies**
- **Functional polymers**
- **Liquid crystals**

- **Light-emitting materials**
- **Organic or inorganic optoelectronic thin films**
- **Other important advanced optoelectronic Materials**

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Manuscript Submission:

Manuscripts must be prepared according to Journal's guidelines, available at <http://www.aspbs.com/sam>.

Submit your manuscripts directly to: **Prof. Chunhui Yang** (yangchh@hit.edu.cn) and/or **Prof. Huang, Yudong** (huangyd@hit.edu.cn).

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