

Reviews in Advanced Sciences and Engineering (RASE)

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A Special Issue on

“Design and Engineering of Novel Functional Materials”

Guest Editors

Professor Dr. Hongjie Zhang

State Key Laboratory of Rare Earth Resource Utilization
Changchun Institute of Applied Chemistry
Chinese Academy of Sciences, Changchun, China
E-mail: hongjie@ciac.jl.cn

Professor Dr. Dongfeng Xue

State Key Laboratory of Rare Earth Resource Utilization
Changchun Institute of Applied Chemistry
Chinese Academy of Sciences, Changchun, China
E-mail: dongfeng@ciac.jl.cn

Call for Papers

Reviews in Advanced Sciences and Engineering (RASE) is an international journal that provides a forum to publish peer-reviewed review articles on all experimental and theoretical aspect of advanced natural sciences, engineering and biomedical sciences, published by American Scientific Publishers. The main aim of RASE is to publish in-depth, authoritative, comprehensive, critical and up-to-date information on the topic reviews articles in all aspects of advanced sciences and engineering with authors photograph and biography.

Functional materials have been received dramatic increase in their high demands in research, development and applications. This special issue attempts to share in the latest innovations, advances and future multidisciplinary research and development in functional materials with primary focus on the connection between fundamental science, engineering applications and commercialization of the materials. The theme covers wide-variety topics among advanced materials science and technology, and

especially focuses on the four major categories including biomedical, electronic, energy, and environmental materials.

Contributions as **comprehensive reviews** to this special issue are invited. Specific topics for this special issue include, but are not limited to, the following research topics:

- Biomedical materials
- Catalytic materials
- Energy harvesting and storage materials
- Ferroelectric and piezoelectric materials
- Magnetic materials
- Optical and luminescent materials
- Sensor materials
- Thermoelectric materials

Manuscript Submission

Manuscripts must be prepared according to Journal's guidelines, available at <http://www.aspbs.com/RASE>. Submit your manuscripts in **MS word or PDF format** directly to one of **the Guest Editors**. 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 review paper.***

Key Dates

Manuscript due: 15 November 2011

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