

# ICAE 2013

## The 2<sup>nd</sup> International Conference on Advanced Electromaterials

November 12(Tue.)-15(Fri.), 2013 / ICC Jeju, Jeju, Korea

### Symposium 3: Nanostructured Materials for Energy Devices

#### Organizer

**Dr. Eun Dong Kim** (Korea Electrotechnology Research Institute, Korea)

#### Co-Organizer

**Prof. Aldo Di Carlo** (University of Rome "Tor Vergata", Italy), **Prof. Nosang V. Myung** (University of California at Riverside, USA),  
**Dr. Geon-Woong Lee** (Korea Electrotechnology Research Institute, Korea)

#### Description

This symposium aims to explore recent advances in various nanostructured materials and their applications to green energy devices such as highly efficient photonic and optoelectronic devices, green display devices, energy conversion devices, and environment-friendly power conversion devices like advanced power semiconductor devices. Furthermore, the design and fabrication technologies of the devices which play a crucial role in highly efficient energy conversion of low carbon footprint will be emphasized.

#### Invited Speakers



**Prof. Aldo Di Carlo**  
Univ. of Rome  
"Tor Vergata", Italy



**Prof. Francesca Brunetti**  
Univ. of Rome  
"Tor Vergata", Italy



**Prof. Mara Bruzzi**  
Univ. of Firenze,  
Italy



**Dr. Chong Min Koo**  
Korea Inst. of Science and  
Tech., Korea

#### Important Dates

- Abstract Submission **June 30, 2013**
- Acceptance Notice **July 15, 2013**
- Early Registration **July 31, 2013**
- Hotel Reservation **August 15, 2013**
- Manuscript Submission **November 12, 2013**

#### Symposium List

1. Ferroelectrics and Piezoelectrics: Fundamentals and New Materials
2. Ferroelectrics, Piezoelectrics, and Dielectrics: Processing and Applications
3. Nanostructured Materials for Energy Devices
4. Advanced LED and Lighting Technology
5. Thin Film Processing and Devices
6. Flexible and Printable Electronic Materials and Devices
7. Oxide Semiconductors: Fundamentals and Advanced Applications
8. Power Electronic Materials and Devices
9. Advanced Photovoltaic Materials and Devices
10. Advanced Materials for Fuel Cell Technology
11. Energy Storage Materials and Devices
12. Application Technology for Advanced Electromaterials and Devices
13. Korea-China Joint Symposium on Ferroelectricity and

#### Abstract Submission Guidelines

1. Abstract MUST be submitted online through the ICAE 2013 website by **June 30, 2013**.
2. **The total length of the abstract must not exceed 500 words.**
3. **Please input your abstract into online submission system.**
4. Acknowledgement of your abstract submission will be sent to the presenting/corresponding authors' email addresses.
5. Acceptance notification will be informed by **July 15, 2013**.

#### Paper Publication

1. Authors whose abstracts are accepted will be requested to submit manuscript by November 12, 2013. (Manuscript submission is not mandatory.)
2. After peer review, all accepted papers will be published in the following leading Journals.
  - **Physica Status Solidi** (SCI / max. 100 papers confirmed)
  - **Japanese Journal of Applied Physics** (SCI / 70 papers confirmed)
  - **Journal of Electroceramics** (SCI / 30 papers confirmed)
  - **Journal of the Korean Physical Society** (SCI / 100 papers confirmed)
  - **International Journal of Hydrogen Energy** (SCI / 40 papers confirmed)
  - **Transactions on Electrical and Electronic Materials** (Scopus, EI Compendex, DOAJ / confirmed)

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