

ICAE 2013

The 2nd International Conference on Advanced Electromaterials

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

Symposium 9: **Advanced Photovoltaic Materials and Devices**

Organizer

Dr. Sang Il Seok (Korea Research Institute of Chemical Technology, Korea)

Co-Organizer

Prof. Kyungkon Kim (EwhaWomans University, Korea), **Prof. Jaehyeong Lee** (Sungkyunkwan University, Korea), **Dr. Sohee Jeong** (Korea Institute of Machinery & Materials, Korea)

Description

This symposium focuses on the advanced photovoltaic materials and devices including following subcategories:

- 1) New Conceptual Approaches for Photovoltaic Phenomena
- 2) Advanced Electromaterials for Organic Photovoltaic Devices
- 3) Advanced Electromaterials for Inorganic Photovoltaic Devices
- 4) New Device Architectures for Photovoltaic Devices
- 5) Advanced Characterization Results for Photovoltaic Devices

Invited Speakers



Dr. Victor I. Klimov
Los Alamos Nat'l Lab.,
USA



Prof. Jong-Soo Lee
DGIST,
Korea



Dr. Min Jae Ko
KIST,
Korea



Prof. Jung-Yong Lee
KAIST,
Korea



Prof. Junsin Yi
Sungkyunkwan Univ.,
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**

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**.

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

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)