

# ICAE 2013

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

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

### Symposium 1: **Ferroelectrics and Piezoelectrics: Fundamentals and New Materials**

#### Organizer

**Dr. Wook Jo** (Technische Universität Darmstadt, Germany)

#### Co-Organizer

**Dr. Jae-Ho Jeon** (Korea Institute of Materials Science, Korea), **Prof. Jing Feng Li** (Tsinghua University, China)

#### Description

We intend to introduce a symposium that allows all the participants to enjoy sharing up-to-dated research achievements in the field of piezoceramics with respect to fundamentals and applications. The ultimate goal of the symposium is to attempt to seek the future research directions inspired by insightful and experienced as well as fresh and creative ideas from all the generations.

- New dielectric, ferroelectric, and piezoelectric materials, single crystals
- Understanding of ferroelectricity, piezoelectricity, field-induced strain and relaxor behaviors

#### Invited Speakers



**Prof. Pam A. Thomas**  
Univ. of Warwick,  
UK



**Dr. Hans Kungl**  
Karlsruhe Inst. of Tech.,  
Germany



**Prof. Xiaoli Tan**  
Iowa State Univ.,  
USA



**Prof. Bo-Ping Zhang**  
Univ. of Science and Tech.  
Beijing, China



**Prof. Ke Wang**  
Tsinghua Univ.,  
China



**Prof. Hajime Nagata**  
Tokyo Univ. of Science,  
Japan



**Dr. Torsten Granzow**  
CRP Gabriel Lippmann,  
Luxembourg



**Prof. Dragan Damjanovic**  
Swiss Federal Inst. of Tech.  
in Lausanne - EPFL, Swiss

#### 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)