

ICAE 2013

The 2nd International Conference on Advanced Electromaterials

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

Symposium 2: Ferroelectrics, Piezoelectrics, and Dielectrics: Processing and Applications

Organizer

Dr. Chong-Yun Kang (Korea Institute of Science and Technology, Korea)

Co-Organizer

Dr. Jungho Ryu (Korea Institute of Materials Science, Korea), **Prof. Takeshi Morita** (The University of Tokyo, Japan)

Description

This session is designed for Ferroelectric, Piezoelectric, and Dielectric scientists, engineers, researchers and manufacturers, delivering the opportunity to share knowledge and state-of-the-art advancements in technology. The scope of the session includes Ferroelectric, Piezoelectric, and Dielectric materials and devices processing including fabrication of thin films, thick films, nano-structures, MEMS processing and so on. Also, the session is aimed at bringing their related innovative devices including microwave devices, ultrasonic transducers, sensors, actuators, energy harvesters and so on.

Invited Speakers



Prof. Kenji Uchino
Penn State Univ.,
USA



Dr. Jun Akedo
AIST,
Japan



Prof. Takeshi Morita
The Univ. of Tokyo,
Japan



Prof. Rattikorn Yimnirun
Suranaree Univ. of Tech.,
Thailand



Prof. Dionizy Czekaj
Univ. of Silesia in Katowice,
Poland



Prof. Hongsoo Choi
DGIST,
Korea



Dr. Ashok Kumar
CSIR-Nat'l Physical Lab.,
India



Prof. Jasbir S. Hundal
Punjab Technical Univ.,
India



Prof. Norifumi Fujimura
Osaka Prefecture Univ.,
Japan

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)