# 

## The 2° International Conference on Advanced

A SAN

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

### Symposium 7: Oxide Semiconductors: Fundamentals and Advanced Applications

#### Organizer

Prof. Sang Yeol Lee (Cheongju University, Korea)

#### **Co-Organizer**

Prof. George Kiriakidis (Univ. of Crete and FORTH, Greece), Prof. Jun Seop Kwak (Suncheon National University, Korea)

#### Description

There has been an explosive growth of interest in both fundamental research and device applications based on Transparent Oxide Semiconductorls (TOSs) over the past few years. This fascinating class of wide band-gap materials has been attracted a variety of advanced applications in the fields of, among others, liquid crystal and high definition displays, transparent conducting oxides for solar cells, gas sensors, nanoelectronics, oxides and other materials convergence devices, electrochromic, thermochromic and smart windows, in architectural coatings as well as in organic light-emitting diodes, in which they are regarded as the main candidates for the forthcoming "post-Si" electronics era. Driven by the worldwide research activities that range from fundamental physics to materials fabrication and TOS-based device development, the "Oxide Semiconductors" have been decided on the organization of the follow-up ICAE 2013.

#### **Invited Speakers**



Prof. John F. Wager Oregon State Univ., USA



Prof. Jaekvoung Jeong Inha Univ., Korea

#### **Important Dates**

- Abstract Submission
- Acceptance Notice
- Early Registration
- Hotel Reservation

**Symposium List** 

Applications

Manuscript Submission



Prof. Toshio Kamiya Tokyo Inst. of Tech., Japan



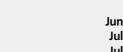
**Prof. Chulhong Park** Pusan Nat'l Univ., Korea



Prof. George Kiriakidis

Prof. Kee Joo Chang KAIST, Korea

June 30, 2013	
July 15, 2013	
July 31, 2013	
August 15, 2013	
November 12, 2013	





Dr. Myungkwan Ryu SAIT, Korea

**Prof. Sang Yeol Lee** 

Cheongju Univ.,

Korea

#### **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, El Compendex, DOAJ / confirmed)
- 11. Energy Storage Materials and Devices 12. Application Technology for Advanced Electromaterials and Devices

1. Ferroelectrics and Piezoeletrics: Fundamentals and New Materials

2. Ferroelectrics, Piezoelectrics, and Dielectrics: Processing and

3. Nanostructured Materials for Energy Devices

4. Advanced LED and Lighting Technology

8. Power Electronic Materials and Devices

9. Advanced Photovoltaic Materials and Devices

10. Advanced Materials for Fuel Cell Technology

5. Thin Film Processing and Devices

13. Korea-China Joint Symposium on Ferroelectricity and

6. Flexible and Printable Electronic Materials and Devices 7. Oxide Semiconductors: Fundamentals and Advanced Applications



Prof. Sang-Woo Kim Sungkyunkwan Univ., Korea



Prof. Sungkyu Park Chung-Ang Univ., Korea

• Organized by : 🝥 The Korean Institute of Electrical and Electronic Material Engineers • Sponsored by : 💆 CVB Jeju Convention & Visitors Bureau

Technically Sponsored by :

