

ICAE 2013

The 2nd International Conference on Advanced Electromaterials

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

Symposium 10: Advanced Materials for Fuel Cell Technology

Organizer

Dr. Tae-Hoon Lim (Korea Institute of Science and Technology, Korea)

Co-Organizer

Prof. Soo-Kil Kim (Chung-Ang University, Korea), **Dr. Jong Hyun Jang** (Korea Institute of Science and Technology, Korea)

Description

The aim of this symposium is to establish an information platform in the science and technology related to advanced materials for Fuel Cells. The symposium will cover issues relevant to materials for fuel cell components to improve performance and durability as well as to reduce cost of the devices. The symposium topics include the following fields: (1) Catalyst and support materials for low/high temperature fuel cells, (2) Catalysts for hydrogen production, (3) Polymer electrolyte membranes, (4) Ceramic and molten salt electrolytes, (5) Materials for gas diffusion and separator/bipolar plate. Other topics relevant to fuel cell materials are also welcome.

Invited Speakers



Dr. Yongman Choi
SABIC Tech. Center (Saudi Arabia) & Brookhaven Nat'l Lab, USA



Prof. Nigel Mark Sammes
POSTECH, Korea



Dr. Hans Aage Hjuler
Danish Power Systems, Denmark



Dr. Jens Oluf Jensen
Danish Technical Univ., Denmark



Dr. Jong Hyun Jang
Korea Inst. of Science and Tech., Korea



Prof. Byungchan Han
DGIST, Korea



Prof. Yong-Tae Kim
Pusan Nat'l Univ., Korea



Prof. Su Ha
Washington State Univ., USA

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)