



# ENGE 2010

International Conference on Electronic Materials and  
Nanotechnology for Green Environment

November 21 – 24, 2010  
Ramada Plaza Jeju Hotel, Jeju Island, Korea  
<http://www.enge2010.org>

**Organized by**  
The Korean Institute of Metals and Materials

**Sponsored by**  
The Japan Institute of Metals

**Supported by**  
Samsung Electronics  
POSCO  
Siltron

## ENGE 2010

International Conference on Electronic Materials and  
Nanotechnology for Green Environment

**Conference Secretariat**

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SAMSUNG

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## Jeju Island - Host City

Jeju Island is the largest island in Korea and is located in the Pacific Ocean just off the south-western tip of the Korean peninsula. Jeju Island is a volcanic island with a mountainous terrain, a dramatic rugged coastline and spectacular watershed courses. The Island has a unique culture as well as natural beauty. It is a living folk village, with approximately 5.4 hundred thousand people. As a result of its isolated location and romantic tropical image, Jeju Island has become a favorite retreat with honeymooners and tourists. The tour programs of the conference will also provide participants with the opportunity to feel and enjoy some of the island's fascinating attractions.

You can find further information on the following website <http://tour2jeju.net>

## Ramada Plaza Jeju Hotel (Conference Venue)

ENGE 2010 will be held at the Ramada Plaza Jeju Hotel which is located within five minutes' ride from both Jeju International Airport and Jeju harbor. It can be reached within an hour wherever you are on the Jeju Island. This internationally renowned deluxe resort-style business hotel was opened to raise management and its accommodation facilities to world class standards, and thus satisfy worldwide business travelers and tourists. Each room boasts off its characteristics with high quality interior design. Various types of 380 guest rooms which command a magnificent view of mountains and the sea are in place awaiting their guests. Besides, attached facilities such as the convention center which can accommodate up to 1200 people, small and medium-sized seminar rooms, health club, indoor and outdoor swimming pools, and hot spa, etc. guarantee successful business transactions and comfortable amenities to its guests.

You can find further information on the following website <http://www.ramadajeju.co.kr>



## Organizing Committee

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**General Secretary**  
**Heon Lee** (Korea University)

**Finance Chair**  
**Hyun Suk Jung** (Kookmin University)

**Local Committee Chair**  
**Kyung-Ho Shin** (KIST)

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**CheolGi Kim** (Chungnam National University)  
**Sang Sub Kim** (Inha University)  
**Kee-Won Kwon** (Sungkyunkwan University)  
**Woong Lee** (Changwon National University)  
**Bong-ki Ryu** (Pusan National University)  
**Kyu-Hwan Shim** (Chonbuk National University)

**General Vice-Chair**  
**Dong Hyuk Shin** (Hanyang University)

**Publication Chair**  
**Byungwoo Park** (Seoul National University)

**Publicity Chair**  
**Jang-Sik Lee** (Kookmin University)

## International Advisory Board

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**King-Ning Tu** (UCLA)  
**Ehrenfried Zschech** (Fraunhofer Institute for Non-Destructive Testing)  
※Partial List



## Program Committee

### Program Committee Chair

Young-Ho Kim (Hanyang University)

### Symposium Chairs

#### 1. Energy

##### A. Devices and Materials for Energy Harvesting and Storage

Sunyong Caroline Lee (Hanyang University)

Shad Roundy (Atmel)

##### B. Novel Fuel-Cell and Battery Materials

Sung-Yoon Chung (Inha University)

Pei-Chen Su (National Taiwan University)

##### C. Photovoltaic Science and Engineering

Se-Hee Lee (University of Colorado)

Masakazu Sugiyama (The University of Tokyo)

Hiroshi Imahori (Kyoto University)

Jin Zhai (Beijing University of Aeronautics and Astronautics)

##### D. Thermoelectric Materials

Wooyoung Lee (Yonsei University)

Renkun Chen (UC San Diego)

#### 2. Nano Engineering

##### A. Nano Dot, Nano Wire and Nano Processes

Woong Kim (Korea University)

Guozhen Shen (Huazhong University of Science and Technology)

##### B. Carbon Nano Materials

Byung Hee Hong (Sungkyunkwan University)

Barbaros Özyilmaz (National University of Singapore)

##### C. Nano Devices and Structures

Dae-Hong Ko (Yonsei University)

Raj Jammy (SEMATECH)

#### 3. Semiconductor Processing

##### A. Non-Volatile Memory Materials and Processes

Hyunsang Hwang (GIST)

Yukiharu Uraoka (Nara Institute of Science and Technology)

##### B. Advanced Patterning Technology

Jinho Ahn (Hanyang University)

Shinji Matsui (University of Hyogo)

Grace Ho (National University of Kaohsiung)

Sang Hoon Kim (LG Electronics)

##### C. Advanced Packaging and Interconnection

Young-Bae Park (Andong National University)

Yutaka Tsukada (i-PACS)

Hajime Tomokage (Fukuoka University)

Chee Lip Gan (Nanyang Technological University)

Junichi Koike (Tohoku University)

##### D. Oxide Semiconductor

Sang Yeol Lee (KIST)

Toshio Kamiya (Tokyo Institute of Technology)

Wei Gao (The University of Auckland)

Quanxi Jia (Los Alamos National Laboratory)

#### 4. Display

##### A. Materials and Devices of Flexible Displays and Printed Electronics

Chung-Kun Song (Dong-A University)

Kiyohi Yase (AIST)

Kazuhiro Kudo (Chiba University)

##### B. Materials and Processes for Highly Efficient LED

Jong-Lam Lee (POSTECH)

Rong Zhang (Nanjing University)

##### C. OLED Materials and Devices

Myeongkyu Lee (Yonsei University)

Shizou Tokito (NHK Science & Technology Research Laboratories)



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## Important Dates

**Abstract Deadline** May 31, 2010  
**Abstract Acceptance Notification** July 31, 2010  
**Early Registration Deadline** September 30, 2010  
**Manuscript Deadline** October 31, 2010

## Abstract Submission Guideline

Prospective authors are invited to submit abstract (no more than 300 words) written in English through the on-line submission system on the official website <http://www.enge2010.org>.

## Plenary



**Oh Hyun Kwon**  
(CEO, Samsung Electronics)



**Hee Gook Lee**  
(CEO, Siltron)



**Sumio Iijima**  
(Professor, Meijo University)

Further information will be posted later on the official website

## Publication

### Journal of Nanoscience and Nanotechnology

Peer-reviewed papers in ENGE 2010 will be published in the periodical Journal of Nanoscience and Nanotechnology. All papers will be refereed according to the standards of the journal. The acceptance of the presentation does not constitute the acceptance of the paper for publication.



**SCI Impact factor 1.987**

<http://www.aspbs.com/jnn.html>

## Registration

Category	Early Registration By September 30, 2010	Late Registration After September 30, 2010
Regular Registration	US\$500	US\$650
Student Registration	US\$250	US\$350
Publication Fee		US\$400

※Additional banquet ticket for student registrant is \$50.

### Registration Fee includes:

#### Regular Registration

Admission to all sessions, Book of abstracts, Welcome reception, Conference banquet, Coffee breaks

#### Student Registration

Admission to all sessions, Book of abstracts, Welcome reception, Coffee breaks

### Get Some Advantage!!!

1. The first 50 student registrants will receive free banquet tickets.
2. In case of Group Registration (more than 4 persons), the student registrants will receive free banquet tickets.

### Visa Assistance

Participants requiring an official Letter of Invitation in order to obtain a visa and authorization to attend ENGE 2010 should contact the Conference Secretariat. Further information is available on the official website

