

## Conference Scope

- Nanomaterials & Nanodevices
- Biophysics & Bioengineering
- Spin & Magnetism
- Photonics
- Organic Electronics & Photonics
- Devices & Applications
- Oxide Materials

## Abstract Submission

Prospective authors are invited to submit abstracts for presentations. Abstract submissions can be up to 1 page in length. A review process for those submitted abstracts will be managed by ICAMD2011 program committees. Abstracts must be submitted electronically via ICAMD2011 website. The notification of the abstract acceptance will be emailed by September 26, 2011.

## Manuscript Preparation and Submission

Regular research papers are solicited for both oral and poster presentations at ICAMD2011. All the submitted papers will be peer-reviewed according to the editorial policies of the Journal of the Korean Physical Society (JKPS). The accepted papers will be published in special issues of JKPS, an SCI-listed international journal. Manuscripts should be at least four journal pages in length and should be submitted to the JKPS electronically via the KPS website no later than December 1, 2011. More details will be available in early October.



## Venue

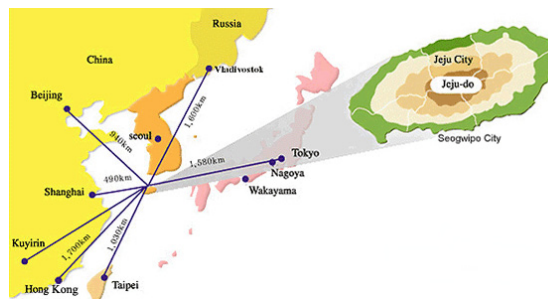
Ramada Plaza Jeju Hotel is located on a downtown area in Jeju. It will take about ten minutes drive from Jeju International Airport. Hotel is close to the sea and is famous for its unique design based on the motif of a luxury cruiser.

<http://www.ramadajeju.co.kr>



## Transportation

- How to get to Jeju, Korea.



## Travel Route at a Glance

Incheon Int'l Airport → Jeju Int'l Airport → Ramada Plaza Jeju Hotel  
About 65min 10min By Taxi

## ICAMD2011 Secretariat

E-mail : [secretary@icamd.or.kr](mailto:secretary@icamd.or.kr) Website : <http://www.icamd.or.kr>

The 7<sup>th</sup> International Conference on Advanced Materials and Devices

# ICAMD2011

December 7 – 9, 2011

Ramada Plaza Jeju Hotel, Jeju, Korea

<http://www.icamd.or.kr>

## Important Date

• Abstract Submission	July 13 ~ September 5, 2011
• Notification of Abstract Acceptance	September 26, 2011
• Full Program Announcement	October 13, 2011
• Early Registration	October 13 ~ November 8, 2011
• Accommodation & Flight Reservation	October 13 ~ November 8, 2011
• Paper Submission Deadline	December 1, 2011



List of Confirmed Plenary Speakers

- **Gabriel Aeppli (London Center for Nanotechnology, Univ. College London, U.K.)**  
- Silicon for the 21<sup>st</sup> Century
- **Sang-Wook Cheong (Rutgers Univ., U.S.A.)**  
- Multiferroic Vortices : Arrested Kosterlitz-Thouless Order
- **Charles M. Lieber(Harvard Univ., U.S.A.)**  
- Semiconductor Nanowires: A Platform for Nanoscience and Nanotechnology
- **David A. Ritchie (Univ. of Cambridge, U.K.)**  
- The Physics and Technology of Semiconductor Quantum Devices
- **Eiji Saitoh (Tohoku Univ., Japan)**  
- Spin Current Physics and Application
- **Ching W. Tang ( Univ. of Rochester, U.S.A.)**  
- Progress in Organic Heterojunction Devices

List of Confirmed Invited Speakers

<b>Spin &amp; Magnetism</b>	
Sung-Lae Cho (Univ. of Ulsan, Korea)	Peter Fischer (Lawrence Berkeley National Lab., U.S.A.)
Sang-Koog Kim (Seoul National Univ., Korea)	Byong-Guk Park (Hitachi-Cambridge Lab., U.K.)
Kyung Ho Shin (KIST, Korea)	Gen Tatara (Tokyo Metropolitan Univ., Japan)
<b>Nanomaterials &amp; Nanodevices</b>	
Chris J B Ford (Univ. of Cambridge, U.K.)	Takashi Fukui (Hokkaido Univ., Japan)
Rikizo Hatakeyama (Tohoku Univ., Japan)	Xiaolin Zheng (Stanford Univ., U.S.A.)
<b>Photonics</b>	
Chih-Wei Chang (National Taiwan Univ., Taiwan)	Harm J. Dorren ( Technical Univ. of Eindhoven, The Netherlands)
Harald Giessen (Univ. of Stuttgart, Germany)	Namkyoo Park (Seoul National Univ., Korea)
Min-Kyo Seo (KIST, Korea)	
<b>Organic Electronics &amp; Photonics</b>	
Lynn Loo (Princeton Univ., U.S.A.)	
<b>Devices &amp; Applications</b>	
Jen-Inn Chyi (National Central Univ., Taiwan)	Mark C. Hersam (Northwestern Univ., U.S.A.)
Hideki Hirayama (RIKEN, Japan)	Gyu Tae Kim (Korea Univ., Korea)
Barbaros Ozyilmaz (National Univ. of Singapore, Singapore)	
<b>Biophysics &amp; Bioengineering</b>	
Jennifer Cha (UC San Diego, U.S.A.)	Borja Ibarra (National Center of Biotechnology-CSIC, Spain)
Yan Jie (National Univ. of Singapore, Singapore)	Harold D. Kim (Georgia Inst .of Tech., U.S.A.)
Jinsang Kim (Univ. of Michigan, U.S.A.)	Jae-Seung Lee (Korea Univ., Korea)
<b>Oxides Materials</b>	
U-In Chung (SAIT, Korea)	L. Goux (IMEC, Belgium)
JinPyo Hong (Hanyang Univ., Korea)	Tomoji Kawai (Konkuk Univ., Korea)
Massimiliano Di Ventra (UC San Diego, U.S.A.)	Rainer Waser (RWTH Aachen Univ., Germany)



Committees

Organizing Committee	Jeongweon Wu	Chair / Ewha Womans Univ.
	Kungwon Rhie	Secretary General / Korea Univ.
	Dong-Wook Kim	Treasurer / Ewha Womans Univ.
Program Committee	Young Dong Kim	Chair / Kyung Hee Univ.
	Bae Ho Park	Secretary / Konkuk Univ.
Local Committee	Chi Kyu Choi	Co-chair / Jeju National Univ.
	Seung-Hyun Chun	Co-chair / Sejong Univ.
	Kwang-Man Lee	Secretary / Jeju National Univ.
	SangWook Lee	Secretary / Konkuk Univ.
Publication Committee	Doseok Kim	Chair / Sogang Univ.
	Myung-Hwa Jung	Secretary / Sogang Univ.

Registration

Category	Pre-Registration (October 13-November 8, 2011)	On-Site Registration
Regular	450,000 KRW	550,000 KRW
Student	150,000 KRW	200,000 KRW

• Registration fee includes

- For Regular Registrants

Admission to All Technical Sessions, Abstract Booklet, Conference Epitome, Lunch, Coffee Breaks, and Banquet.

- For Students

Admission to All Technical Sessions, Abstract Booklet, Conference Epitome, Lunch(Coupon), and Coffee Breaks.

Welcome Message

The 7<sup>th</sup> International Conference on Advanced Materials and Devices (ICAMD2011) will be held from December 7<sup>th</sup> to December 9<sup>th</sup>, 2011 at Ramada Plaza Jeju Hotel, Jeju, Korea. It is organized by the Applied Physics Division of the Korean Physical Society.

The International Conference on Advanced Materials and Devices (ICAMD) is one of major international conferences hosted by the Korean Physical Society gathering the world-wide physicists in the field of applied physics including Nanomaterials and Nanodevices, Biophysics and Bioengineering, Spin and Magnetism, Photonics, Organic Electronics and Photonics, Devices and Applications, and Oxide Materials.

The 1<sup>st</sup> ICAMD1996 was held at Phoenix Park, and the 2<sup>nd</sup> ICAMD1999 was held at Hanyang University, the 3<sup>rd</sup> ICAMD2003, the 4<sup>th</sup> ICAMD2005, the 5<sup>th</sup> ICAMD2007, and the 6<sup>th</sup> ICAMD2009 were held at Ramada Plaza Jeju Hotel, Jeju, Korea all with great success.

The purpose of ICAMD2011 is to provide a forum to review the most important and latest developments in the field of the applied physics, to exchange the update research achievements and future trends in the applied physics, to promote application of physics related to the development and to provide the potential collaboration opportunities all regions of the world.

We are looking forward to your contribution and participation.



ICAMD2011 Secretariat

For Registration & Inquiries

Tel : +82-55-212-1337 Fax : +82-55-212-1331

E-mail : secretary@icamd.or.kr