



# ISPSA 2018

July 1 (Sun.) ~ 5 (Thu.), 2018

Ramada Plaza Jeju Hotel, Jeju, Korea

## The 19<sup>th</sup> International Symposium on the Physics of Semiconductors and Applications

### Welcome Message

ISPSA 2018 will be held on July 1~5, 2018 in Jeju, Korea. The aim of ISPSA 2018 is to bring together professors, researchers, engineers, and students worldwide to present their recent works and discuss the state-of-the-art technologies related to physics of semiconductors and applications.

### Abstract Submission

ISPSA 2018 cordially invites you to submit your abstracts for oral and poster presentations. All abstracts will be reviewed by the program committee and assigned to the appropriate session based on research fields and program topics category. Abstracts should be submitted online. Please refer to the topics below and visit [www.ispsa.or.kr](http://www.ispsa.or.kr) for more details.

### Topics of interest include, but are not limited to;

- Compound semiconductors
- Si and group IV semiconductors
- Spintronics and ferromagnetic semiconductors
- Organic semiconductors and colloidal quantum dots
- Nano-Bio-materials and devices
- Dirac and weyl semimetals
- 2D materials and heterostructures
- Plasmonics, meta-materials and optoelectronics
- Energy harvesting and storage
- Quantum information
- Semiconductor theory and simulations
- Flexible and wearable devices
- Sensors and applications

### Organizers



### Important Dates

**Abstract Submission Mar. 31, 2018**

Post Deadline Submission Apr. 27, 2018

Acceptance Notification Apr. 10, 2018

Pre-registration Deadline Jun. 8, 2018

### Publication

Some of the highly recognized professional journals in related fields. A list of journals are still under consideration.

### Plenary Speakers

Be sure not to miss our speakers who will present their latest findings and research at ISPSA 2018. and parallel program. Find out more on the website.

#### Plenary Talk I



**Prof.  
Jin Jang**  
Kyung Hee  
University, Korea

#### Plenary Talk II



**Prof.  
Nam-Gyu Park**  
Sungkyunkwan University,  
Korea

#### Plenary Talk III



**Prof.  
Takao Someya**  
The University of Tokyo,  
Japan

#### Plenary Talk IV



**Prof.  
Zhong Lin Wang**  
Georgia Institute of  
Technology, USA

#### Plenary Talk V



**Prof.  
James Hone**  
Columbia University, USA

#### Plenary Talk VI



**Prof.  
James Coleman**  
The University of Texas at  
Dallas, USA





## Registration for Participation

All participants are strongly recommended to register online at the official Website. Participants who complete the Pre-registration process (**Jun. 8, 2018**) will benefit from the discount rate of Registration Fee and will be provided the entire symposium materials upon their arrival. You can find further detailed information about Registration Fee from our website. (<http://ispsa.or.kr>).



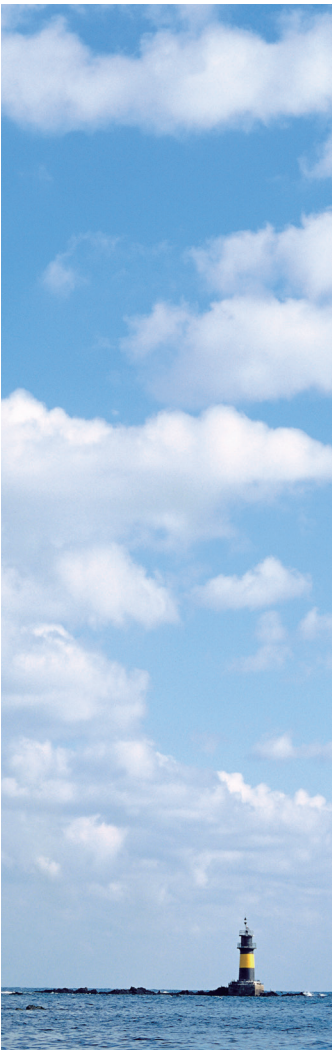
## Sponsorship & Exhibition

An extensive technical exhibition will take place alongside the symposium from July 1 to 5, 2018/ The exhibition will also be open to non-participant visitors, thus maximizing interaction with potential buyers. ISPSA 2018 will offer various packages for sponsorship and exhibition which will provide great opportunities to promote your brand identity.



## Visit Jeju in 2018!

In recent years, Jeju has been awarded multiple times by global organizations. Jeju island is UNESCO's only triple crown winner for World Natural Heritage, Global Geopark, and Biosphere Reserve. It is also renowned for its beautiful and pristine environment and has been designated as one of the New 7 Wonders of Nature.



## Organizing Committee

<b>Honorary Chairman</b>	Eun Kyu Kim (Hanyang Univ.)
<b>General Chair</b>	Yongmin Kim (Dankook Univ.)
<b>General Vice-chair</b>	Woochul Yang (Dongguk Univ.)
<b>Program Committee Chair</b>	Yong-Hoon Cho (KAIST)
<b>General Secretary</b>	Jae Su Yu (Kyung Hee Univ.)
<b>General Vice-secretary</b>	Kwun Bum Chung (Dongguk Univ.)
<b>Program</b>	Jong Su Kim (Yeongnam Univ.) Soo Bong Choi (Incheon Nat'l Univ.)
<b>Publication</b>	Mee Yi Ryu (Kangwon Nat'l Univ.) Dong Wook Kim (Ewha Woman's Univ.)
<b>Communication</b>	Clare C. Byeon (Kyungpook Nat'l Univ.) Sang Jun Lee (KRISS, Korea) Hong Seok Lee (Chonbuk Nat'l Univ.)
<b>Finance</b>	Jin Dong Song (KIST) Mun Seok Jeong (Sungkyunkwan Univ.) Young Jun Yu (Chungnam National Univ.)
<b>Treasurer</b>	Moongyu Jang (Hallym Univ.) Doo Jae Park (Hallym Univ.)
<b>Local Area Branch</b>	Sam Nyung Yi (Korea Maritime Univ., Local Area Secretary) Il Ki HAN (KIST) & Soonjae Moon (Hanyang Univ.) Sung-Bok Kim (ETRI) Heesuk Rho (Chonbuk Nat'l Univ.) Sangwan Ryu (Chonnam Nat'l Univ.) Hye-Won Seo (Jeju Nat'l Univ.)

## ISPSA 2018 Secretariat: Planex Lab., Inc.

#809, 245, Hannuri-daero, Sejong-si, 30127, Republic of Korea  
Tel.: +82-44-862-7962 / Fax.: +82-44-862-7963  
Email: [ispsa@ispsa.or.kr](mailto:ispsa@ispsa.or.kr) / Websitel: [www.ispsa.or.kr](http://www.ispsa.or.kr)

