

# NBSIS 2017

The 3<sup>rd</sup> SPIE's International Conference on  
Nano-Bio Sensing, Imaging & Spectroscopy

**FEBRUARY 22-24, 2017**

International Convention Center Jeju  
Jeju Island, South Korea



## Organized by

Korea BioChip Society  
Optical Society of Korea  
Korean Sensors Society  
SPIE

## Sponsored by

BK21 Plus/Graduate Program for Bionano Fusion Technology (Hanyang University)  
ERC for Integrated Human Sensing System (Hanyang University)  
BK21 Plus/Institute of Physics and Applied Physics (Yonsei University)  
Institute of Convergence Science (Yonsei University)  
Electronics and Telecommunications Research Institute

## WELCOME MESSAGE

Dear Colleagues.

We cordially invite you to attend the 3<sup>rd</sup> SPIE's International Conference on Nano-Bio Sensing, Imaging & Spectroscopy (NBSIS 2017-Jeju), which will be held on February 22-24, 2017, at the International Convention Center (ICC), Jeju, South Korea.

This conference covers the current hot issues in nano-bio sensors, imaging, and advanced spectroscopic techniques for biological applications and clinical diagnostics. We expect our NBSIS 2017 would be a wonderful meeting place to exchange ideas, problems and progress in nano-bio sciences and related techniques between outstanding researchers from all over the world.

We are looking forward to welcoming you to the beautiful Jeju Island and joining us for the conference!

Best wishes,

*Prof. Jaebum Choo*  
Chair, NBSIS 2017  
Hanyang University, Korea

## COMMITTEE

|                               |  |
|-------------------------------|--|
| <b>Chair</b>                  | <b>Jaebum Choo</b><br>Hanyang University                                   |
| <b>Co-Chair</b>               | <b>Seung-Han Park</b><br>Yonsei University<br><b>Hyo-Duck Park</b><br>KETI |
| <b>Secretary General</b>      | <b>Jinho Hyun</b><br>Seoul Nat'l University                                |
| <b>Treasurer</b>              | <b>Hyun Chul Yoon</b><br>Ajou University                                   |
| <b>Local Organizing Chair</b> | <b>Dong-Soo Shin</b><br>Hanyang University                                 |

### Local Organizing Members

|                                    |                                    |                                     |
|------------------------------------|------------------------------------|-------------------------------------|
| Sang Uck Lee<br>Hanyang University | Dong Woo Lim<br>Hanyang University | Kyubong Jo<br>Sogang University     |
| Youngbok Lee<br>Hanyang University | Sangmi Jeon<br>KBSI                | Jooheon Kim<br>Kyung Hee University |

|                      |                              |
|----------------------|------------------------------|
| <b>Program Chair</b> | <b>Ki-Hun Jeong</b><br>KAIST |
|----------------------|------------------------------|

### Program Members

|   |                                  |  |
|---|----------------------------------|--|
| Donghyun Kim<br>Yonsei University         | Beop-Min Kim<br>Korea University | Chang-Seok Kim<br>Pusan Nat'l University |
| Ki-Bong Song<br>ETRI                      | Hyo-il Jung<br>Yonsei University | Jae-Chul Pyun<br>Yonsei University       |
| Joon Myong Song<br>Seoul Nat'l University | Tae Geol Lee<br>KRISS            | Sungsu Park<br>Sungkyunkwan University   |
| Woo Kyung Seong<br>KETI                   | Sanghyo Kim<br>Gachon University | Nae-Eung Lee<br>Sungkyunkwan University  |

## CONFERENCE VENUE



The conference will be held at the International Convention Center (ICC), Jeju, Korea. The center boasts its beautiful coastal scenery and world-class convention facilities including convention halls, conference rooms and event halls.

## TRAVEL & ACCOMMODATION



Jeju Island is located in the south of the Korean peninsula. It is famous for its oceanic climate throughout the year. Jeju Island is called "Nature's paradise in the northern Pacific", and attracts tourists from all over the world. Jeju's natural environment, formed as a result of volcanic activity about a million years ago, rewards all tourists with its beauty. Jeju is a special area of visa-free entrance from 180 countries.

## ACCESS TO JEJU

There are three ways to fly to Jeju Island: by direct international flight, by transferring at either Incheon International Airport or Gimpo Airport to a domestic flight to Jeju. The NBSIS 2017 Secretariat recommends that visitors take a direct international flight to Jeju Island for their convenience.