



# ISAP 2018

2018 International Symposium on Antennas and Propagation

October **23**(Tue.) ~ **26**(Fri.), 2018 / **Paradise Hotel Busan, Busan, Korea**



The 2018 International Symposium on Antennas and Propagation (ISAP 2018) will be held during October 23~26, 2018 at Paradise Hotel Busan, Busan, Korea. ISAP 2018 offers excellent opportunities for exchanging technical information and developing friendships with worldwide participants involved in research, development and manufacturing in the field of electromagnetics, antennas and propagation. We hope you will come and enjoy the Symposium in Busan, the top convention hosting city in Asia and also the international prestige tourism city.

ISAP 2018 will be held at the Paradise Hotel Busan which is located in Busan's Haeundae Beach, where the sky and ocean meet. As the first grade hotel with luxurious facilities, Paradise Hotel Busan offers balconies in the sea view rooms with a clear view of the Haeundae beach.

## IMPORTANT DATES

- Paper Submission Deadline ~~May 18, 2018~~ **June 3, 2018**
- Notification of Acceptance **June 30, 2018**
- Pre-registration Deadline **September 23, 2018**

## CONFERENCE TOPICS

### A. Antennas

- A1. Small Antennas and RF Sensors
- A2. Antennas for Mobile and Wireless Applications
- A3. Broadband and Multi-band Antennas
- A4. Active and On-Chip Antennas
- A5. Tunable and Reconfigurable Antennas
- A6. 2D and 3D Printed Antennas and Arrays
- A7. Adaptive and Smart Antennas
- A8. Antenna Theory and Design
- A9. Antenna Measurements
- A10. Millimeter-wave, THz and Optical Antennas
- A11. HF/VHF Antennas
- A12. Reflector, Lens and Radomes
- A13. Other Antenna Topics

### C. Electromagnetic-wave Theory

- C1. Computational Electromagnetics
- C2. Time-Domain Techniques
- C3. Scattering, Diffraction and RCS
- C4. Inverse and Imaging Techniques
- C5. Optimization Methods in EM Problems
- C6. Passive and Active Components
- C7. Frequency Selective Surfaces and Filters
- C8. EBG, Metamaterials and Applications
- C9. Nano-Electromagnetics
- C10. Other EM Theory Topics

### B. Propagation

- B1. Indoor and Mobile Propagation
- B2. Millimeter-wave, THz and Optical propagation
- B3. Machine-to-Machine/Infrastructure Propagation
- B4. Channel Sounding and Channel Estimation
- B5. DOA Estimation
- B6. Remote Sensing and Radar
- B7. Terrestrial, Earth-Space and Ionospheric Propagation
- B8. Propagation Fundamentals
- B9. Propagation Measurement Techniques
- B10. Other Propagation Topics

### D. AP-related Topics

- D1. Antenna Systems for Mobile Communications
- D2. MIMO and Its Applications
- D3. Broadcasting and Receiving Technologies
- D4. Wireless Power Transfer Technologies
- D5. Wearable Device Networks and Medical Applications
- D6. Sensor Networks and Adhoc Systems
- D7. RFID and Applications
- D8. EMC/EMI Technologies

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## PREPARATION OF PAPERS

Only original papers are solicited that have not been presented previously and that describe new contributions in the area suggested in the Conference Topics.

Each author is requested to prepare a 2-page camera-ready paper in 2-column and written in English, including all texts, references, figures and photographs.

Please refer to the paper preparation instruction via the ISAP 2018 Website (<http://www.isap2018.org>).

## SUBMISSION OF PAPERS

Authors must submit their papers in IEEE Xplore-compliant PDF format electrically. All papers presented at ISAP 2018 will be submitted into IEEE Xplore. KIEES will own the copyright of all papers presented at ISAP 2018.

## AWARDS

Several outstanding papers presented at ISAP 2018 will be awarded for the ISAP 2018 **Best Paper Award**.

In addition, notable student papers presented at ISAP 2018 will be awarded for the ISAP 2018 **Best Student Paper Award**.

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## PLENARY SPEAKERS



**Dr. Hongbeom Jeon**  
*Infra Lab. KT, Korea*  
**5G Communication**



**Prof. William Scanlon**  
*Centre for Wireless Innovation (CWI) at ECIT, UK*  
**Biomedical; RF sensor**



**Prof. Yong Fan**  
*University of Electronic Science and Technology of China, China*  
**Radar**



**Dr. Yukihiro Okumura**  
*Research Laboratories, NTT DOCOMO, INC., Japan*  
**5G Communication**

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As of April 25, 2018

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