



# ISAP 2024



## 2024 International Symposium on Antennas and Propagation

November 5/Tue. ~ 8/Fri., 2024

Songdo Convensia, Incheon, Republic of Korea

The 29th International Symposium on Antennas and Propagation (ISAP 2024) will be held on November 5~8, 2024, at Songdo Convensia, Incheon, Republic of Korea. We are pleased to host an excellent forum for academic and industrial participants at all career stages worldwide. We also convince ISAP 2024 must be a perfect opportunity to exchange new technical/scientific achievements, demonstrate state-of-the-art technology, and establish and strengthen professional cooperation networks in antennas, propagation, electromagnetic wave theory, and related fields. We, the Local Organizing Committee of ISAP 2024, are delighted that ISAP will be held again in Republic of Korea after 2005 (Seoul), 2011 (Jeju), and 2018 (Busan). We hope you will enjoy the Symposium in Incheon, the city of unique tourism resources.

### IMPORTANT DATES



**Paper Submission Deadline**  
May 17, 2024



**Notification of Acceptance**  
July 26, 2024



**Early-bird Registration**  
September 20, 2024

### CONFERENCE TOPICS

#### A. Antennas

Antenna Theory and Design  
Small Antennas and RF Sensors  
Antennas for Mobile, and V2X Applications  
Broadband and Multi-band Antennas  
Active, In-package, and On-chip Antennas  
Adaptive and Reconfigurable Antennas  
Additive Manufacturing  
Array Antennas  
Reflectarrays and Transmitarrays  
Antenna Measurements  
Millimeter-wave, THz, and Optical Antennas  
HF/VHF Antennas  
Reflector, Lens, and Radomes  
Antennas with Periodic Structures  
Other Antenna-related Topics

#### C. Electromagnetic-wave Theory

Electromagnetic Theory  
Computational and Numerical Techniques  
Scattering, Diffraction, and RCS  
Inverse and Imaging Techniques  
Metamaterials, Metasurfaces, and Artificial Materials  
Periodic Structures  
Nano-electromagnetics  
Other EM Theory-related Topics

#### B. Propagation

Propagation Theory and Models  
Millimeter-wave, THz, and Optical Propagation  
Machine-to-machine/Infrastructure Propagation  
Channel Sounding and Channel Estimation  
Radar, DOA, Localization, and Sensing  
Propagation for Vehicular Communications  
Terrestrial, Earth-space, and Ionospheric Propagation  
Propagation Measurement Techniques  
Other Propagation-related Topics

#### D. AP-related Topics

Passive and Active Components  
Reconfigurable Intelligent Surfaces  
Antenna Systems for Mobile(5G, B5G, and 6G) Communications  
MIMO, Diversity, and Their Applications  
Broadcasting and Receiving Technologies  
Wireless Power Transfer Technologies  
Wearable Device Networks and Medical Applications  
Sensor Networks and Adhoc Systems  
RFID and Applications  
EMC/EMI Technologies  
Satellite and Military Applications  
Machine Learning and Artificial Intelligence  
Other AP-related Topics

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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 2024 Website ([www.isap2024.org](http://www.isap2024.org)).

### SUBMISSION OF PAPERS

An online paper submission window will be opened in ISAP 2024 website. Submitted papers will be assessed in a single acceptance/rejection review process. Presented papers will be submitted to IEEE Xplore® if the authors choose submission to Xplore during the final submission process. Compliance with the IEEE format and publication standards is mandatory in this case.

### ORGANIZING COMMITTEE As January 9, 2024

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### INCHEON



Incheon is a major port city of Korea and home to the Incheon International Airport. As a free economic zone, Incheon plays a pivotal role in logistics, business, and leisure sports in Northeast Asia. The Songdo international business district of Incheon specializes in international finance, trade, and the knowledge-based industry.

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