

19th International Conference on Space, Aeronautical, and Navigational Electronics 2025

ICSANE 2025 13-15 November 2025
Ajou University, Suwon, Republic of Korea



IEEE Japan Chapter



CALL FOR PAPERS

The International Conference on Space, Aeronautical and Navigational Electronics (ICSANE) was founded by the Technical Committee on Space, Aeronautical and Navigational Electronics (SANE) of Institute of Electronics, Information and Communication Engineers (IEICE). IEICE was established in 1911 by the Ministry of Communications of Japan now is the largest research institute in Japan. ICSANE provides an opportunity for system engineers and researchers to discuss new and viable technical topics of electronics system in spacecraft, aircraft, ships and ground facilities. ICSANE is held every year since 2005 in Japan, China, South Korea, Australia and Southeast Asia. The 19th ICSANE (ICSANE 2025) will be held at Ajou University, Suwon, Republic of Korea on 13 – 15 November 2025. All accepted papers will be published in IEICE proceeding. We invite you to participate in the ICSANE 2025 and we look forward to welcoming you to Suwon, the hub of innovation and culture in Korea.

Organizing Committee

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Dr. Toshio Wakayama (Mitsubishi Electric, Japan)

Conference Schedule

13 – 15 November 2025, Parallel Session, Awarding

15 November 2025, Technical Program Activity

Important Dates

15 September 2025, Abstract Submission Deadline

22 September 2025, Abstract Acceptance Notification

20 October 2025, Full Paper Submission and Registration Deadline

13 – 15 November 2025, Conference Days

Awards

Students and young researchers are invited to submit their research to ICSANE 2025. Young Scientist Award (YSA) program is planned for promoting participation of young researchers and students.

Welcome to Suwon

Suwon, located in Gyeonggi Province, South Korea, is a city where history and modernity harmoniously coexist. It is home to Hwaseong Fortress, a UNESCO World Heritage Site showcasing the architectural legacy of the Joseon Dynasty. The city offers cultural experiences through traditional crafts, music, and its signature dish, Suwon galbi. As the headquarters of Samsung Electronics, Suwon also provides excellent access to Seoul, making it ideal for both tourism and business.

Technical Program and Scope

The system engineers and researchers are invited to present their works covering the full range of practice, development and research experiences that advance the practice and theory of new and viable technical topics of electronics system in spacecraft, aircraft, ships and ground facilities for citizens, government, and industry. Theme of ICSANE 2025: **From Space, Aeronautical and Navigational Electronics to Remote Sensing and Earth Observations**

Topics covered will include but are not limited to the following:

- Satellite and Space-Station Systems
- Remote Sensing and Scientific Observation Technology
- Radar Systems and Applications
- Navigational and Communication Systems
- Spatial Information Technology
- Inverse Scattering Problem
- Battery for Electric Vehicles and Space Applications
- GNSS and GIS Applications
- Material Engineering and Applications
- Aeronautical Engineering and Applications
- UAV and Autonomous Vehicles Technology
- AI Technology
- Other related topics

Instruction to Author

Prospective authors are cordially requested to submit a 100-words abstract with the title of the paper, and contact information through IEICE Technical Committee Submission System (<https://www.ieice.org/cs/sane/eng>).

After being accepted, a camera-ready paper (from one page min. to six pages max.) should be submitted electronically.

Publication Plan

All accepted manuscript will be published in IEICE proceeding. Presenters of ICSANE2025 must pay the submission fee (5500 JPY) at the payment page of submission web system that will be announced in the mail from ken [at] ieice.org. Authors of the presented papers are recommended and invited to submit an extended paper for consideration of publication in IEICE Transactions on Communication (Impact Factor: 0.6 (2024)).

Registration Fee

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| Student | USD 250 (International participant) KRW 340,000 (Attendees from Korea) |
| Professional | USD 350 (International participant) KRW 480,000 (Attendees from Korea) |

For more information

<https://www.ieice.org/cs/sane/ICSANE2025>