

18th International Conference on Space, Aeronautical, and Navigational Electronics 2023

ICSANE 2023

7 – 9 December 2023

Surakarta, Indonesia (Hybrid)



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 18th ICSANE (ICSANE 2023) will be held in **UNS Tower Hotel, Surakarta, Indonesia on 7 – 9 December 2023**. All accepted papers will be published in IEICE proceeding. We invite you to participate in the ICSANE 2023 and we look forward to meeting you and your family in Surakarta City, the heritage and the spirit of Java island!

Organizing Committee

General Chair

Dr. Feri Adriyanto, Universitas Sebelas Maret (UNS)

Vice General Chair

Prof. Toshio Wakayama, Mitsubishi Electric

Prof. Ketut Wikantika, Institut Teknologi Bandung (ITB)

General Co-Chair

Prof. Josaphat Tetuko Sri Sumantyo, Chiba University

Vice General Co-Chair

Dr. Joko Widodo, BRIN Indonesia

Conference Schedule

7 – 8 December 2023, Keynote Speaker, Oral Session, Poster Session, Awarding.

9 December 2023, Technical Activity

Important Dates

10 October 2023, Abstract Submission Deadline

30 October 2023, Abstract Acceptance Notification

13 November 2023, Full Paper Submission and Registration Deadline.

7 – 8 December 2023, Conference Days

Awards

Students and young researchers are invited to submit their research to ICSANE 2023. Young Scientist Award (YSA) program is planned for promoting participation of young researchers and students.

Welcome to Surakarta

Surakarta City, also known as Solo, is a historic city located in Central Java, Indonesia. It is known for its rich culture, particularly in traditional Javanese art, music, and cuisine. The city is home to many palaces and museums. Surakarta is also a hub for batik production, and visitors can learn about the traditional techniques used to create this intricate fabric. Surakarta has airport which has direct flight to Indonesia capital, Jakarta and Denpasar, Bali Island.



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BRIN
BADAN RISET
DAN INOVASI NASIONAL

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 2023: **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

Registration Fee (Onsite Presenter)

Student	USD 100 (International participant) IDR 1.000.000 (Indonesian)
Professional	USD 150 (International participant) IDR 1.500.000 (Indonesian)

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 ICSANE2023 must pay the submission fee (3300JPY/ around 25 USD) 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: 0.598 (2022))

For Presenter

Oral Parallel Sessions:

General & Invited Talks: Each speech will have 15 minutes for presentation and 5 minutes for discussion.

Poster Presenters:

Poster session will have 75 minutes for discussion. Please prepare A0 poster size

For more information

https://www.ieice.org/~sane_ac/ICSANE2023/

Organizer Contact: icsane2023@ft.uns.ac.id

