

# IWAC2022

2022 International  
Workshop on ATM/CNS

Date: October 25-27, 2022 Venue: Nakano Central Park Conference, Tokyo, JAPAN

## Call for Papers



Electronic Navigation Research Institute (ENRI) is proud to announce that the International Workshop on ATM/CNS (IWAC) will be held in 2022 with the joint collaboration of the Japan Society for Aeronautical and Space Sciences (JSASS).

IWAC is the prime venue for exchanging up-to-date information with professionals from the fields of Air Traffic Management, Communication, Navigation, and Surveillance (ATM/CNS). ENRI offers an opportunity for all participants, including but not limited to policy makers, deployment managers, operators, project managers from industry, researchers from R&D institutes, and members of academia, to review their R&D strategies with reference to each part of the aviation spectrum.

\* IWAC succeeds the six successful ENRI International Workshop on ATM/CNS (EIWAC) hosted by ENRI as a biennial event since 2009. The transformation further strengthens the cooperation with the academic community through joining hands with JSASS.

### Important Dates

**Submission Deadline: May 6, 2022**

**Notification of Acceptance: August 12, 2022**

**Final Paper Submission Deadline: September 2, 2022**

**On-line Registration Deadline (Presenters): September 2, 2022**

**On-line Registration Deadline (Participants): October 24, 2022**

### Contact

#### Secretariat of IWAC2022

c/o JTB Communication Design, Inc.

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## Submission Guidelines

All submissions to IWAC must meet the following minimum requirements in order to be considered for acceptance to the workshop:

- IWAC is soliciting papers for Academic and Interchange Tracks. Authors may choose the appropriate Track depending on the objective.

**Academic Track:** Paper selection will be based on a full paper which must NOT exceed 8 (A4 size) pages. Abstracts will NOT be accepted.

**Interchange Track:** Non-academic presentations such as introduction of a project/product, proposal for aircraft operations/supporting technologies etc... are invited to submit a draft manuscript which must NOT exceed 1 (A4 size) page.

- All papers must be written in English.
- Papers must be submitted electronically via the Workshop's Online Submission System <https://easychair.org/conferences/?conf=iwac2022>  
Webpage for receipt of submissions will be opened by end of February.

Check the IWAC2022 website for more instructions and templates.

## Tentative Program

Day 1 (Oct. 25)	Day 2 (Oct. 26)	Day 3 (Oct. 27)
Opening Remarks Keynote Speeches	Technical Sessions Invited Speeches	Technical Sessions Organized Sessions Closing Remarks

## Technical Areas

### ATM

#### Air Traffic Management

- Advanced Air Traffic Operations and Management
- Trajectory Prediction and Modeling
- Airport Operations and Management
- ATM Weather and Environment
- UTM and RPAS
- Human Factors

### CNS

#### Communication, Navigation and Surveillance

- System Wide Information Management (SWIM)
- Wired/Wireless Aeronautical Communications
- GNSS
- Space Weather
- Radar Systems and Applications
- Radar Data and Signal Processing

### Related Topics

- Aviation Safety, Security and Resilience
- Autonomous/Intelligent Systems
- Information and Data Sharing Technologies
- Virtual and Remote Technologies
- Future Radio/Sensing Technologies
- Others

