IWAC2026
2026 International Workshop on ATM/CNS

November 17 -19, 2026
Tokyo, Japan

CALL FOR PAPERS

Important Dates

Submission Deadline
April 24, 2026

Notification of Acceptance
June 30, 2026

**Final Paper
Submission Deadline**
August 31, 2026

**On-line Registration Deadline
(Presenters)**
August 31, 2026

**On-line Registration Deadline
(Participants)**
November 19, 2026

Featured Theme:
"Next-Generation Airport Operations"

The Electronic Navigation Research Institute (ENRI) is pleased to announce that the 2026 International Workshop on ATM/CNS (IWAC2026) will be held in collaboration with the Japan Society for Aeronautical and Space Sciences (JSASS). IWAC has been organized biennially since 2022, evolving from the six previous EIWAC workshops held between 2009 and 2019.

IWAC is the premier venue for exchanging the latest information with professionals in Air Traffic Management, Communication, Navigation, and Surveillance (ATM/CNS). IWAC2026 will feature a special topic on Next-Generation Airport Operations, alongside general ATM/CNS topics. ENRI provides an opportunity for all participants — including policy makers, operators, industry stakeholders, researchers, and academics — to review and discuss their R&D strategies across the aviation spectrum.

Tentative Program

Day 1 (Nov. 17)
Keynotes
Networking Reception
 (Welcome cocktail and poster session)

Day 2 (Nov. 18)
Technical Sessions

Day 3 (Nov. 19)
Technical Sessions

Organizer:
Electronic Navigation Research Institute
ENRI Website: https://www.enri.go.jp/

Co-Organizer:
The Japan Society for Aeronautical and Space Sciences
JSASS Website: https://www.jsass.or.jp/

Supporter:
The Institute of Electronics, Information and Communication Engineers (IEICE)
IEICE Website: https://www.ieice.org/jpn_r/index.html

Technical Areas

Featured Theme:
"Next-Generation Airport Operations"

- Advanced surface movement guidance and control system
- Remote Tower
- Improvement of Runway Throughput
- Reduction of Environmental Impact around the Airport
- Vertiports

Air Traffic Management

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

Communication, Navigation and Surveillance

- System Wide Information Management (SWIM)
- Wired/Wireless Aeronautical Communications
- Surveillance Systems(SSR, WAM/MLAT, ADS-B)
- GNSS
- Space Weather
- Radar System, Data and Applications

Related Topics

- Aviation Safety, Security and Resilience
- Autonomous/Intelligent Systems
- Information and Data Sharing Technologies
- Virtual and Remote Technologies
- Future Radio/Sensing Technologies
- Emerging Aerial Vehicles(Drones, AAM/UAM, HAPS)
- Others

IWAC2026 Technical Program Committee

GENERAL CHAIR:
Takayuki Yoshihara, Electronic Navigation Research Institute, MPAT

MEMBERS:
Jesper Bronsvoort, Airservices Australia
Daniel Delahaye, Ecole Nationale de l'Aviation Civile
Thomas Feuerle, Technische Universität Braunschweig
Raúl Sáez García, Technical University of Catalonia
Robert Geise, Leipzig University of Applied Sciences
Ping Han, Civil Aviation University of China
Mark Hansen, University of California, Berkley
Akinori Harada, Kyushu University
Junichi Honda, Electronic Navigation Research Institute, MPAT
Keisuke Hosokawa, The University of Electro-Communications

Daisuke Karikawa, Tohoku University
Dirk Kuegler, German Aerospace Center (DLR)
Max Z. Li, University of Michigan
Naoki Matayoshi, Japan Aerospace Exploration Agency
Ryota Mori, Kobe University
Pornchai Supnithi, King Mongkut's Institute of Technology Ladkrabang
Noboru Takeichi, Tokyo Metropolitan University
Daichi Toratani, Electronic Navigation Research Institute, MPAT
Craig Wanke, The MITRE Corporation

🌐 website: https://iwac.enri.go.jp/index.html

✉ contact: iwac2026@enri.go.jp