APSAR 2025

The 9th Asia-Pacific Conference on Synthetic Aperture Radar

5-9 October 2025, Matsue, Japan

CALL FOR PAPERS

About APSAR

On behalf of the APSAR committee, we would like to invite you to Matsue for APSAR 2025. Asia-Pacific Conference on Synthetic Aperture Radar (APSAR) is an international conference devoted to SAR technology development and applications. The APSAR is a forum of Synthetic Aperture Radar (SAR) engineers and scientists from all over the world, especially from the Asia-Pacific region. The bi-annual APSAR conference is held every two years, and APSAR2025 will be held in Matsue, Japan. The 9th APSAR (APSAR2025) will be held In Person on 5-9 October 2025 in Kunibiki Messe (Shimane Prefectural Convention Center), Shimane Prefecture, Japan. In addition to the oral sessions, there will be an interactive poster session. Awards for Best Student Paper will be presented on the last day of the conference. APSAR 2025 will also offer several tutorial courses on the first day. All accepted papers will be published in the conference proceedings, and after the conference, the presented papers will be submitted to IEEE Xplore and be indexed by EI. On behalf of the APSAR committee we would like to invite you to Matsue for APSAR 2025.

Organizing Committees

General Chair
Prof. Junichi Susaki
Kyoto University

Vice General Chair
Kei Suwa
Mitsubishi Electric

Conference Dates

5-9 October 2025

Venue

Kunibiki Messe,
Matsue, Shimane, Japan

Important Dates

- ~~7 March 2025~~ **21 March 2025**
  Abstract submission deadline (postponed)
- **30 May 2025**
  Acceptance notification
- **18 July 2025**
  Final paper submission deadline & ~~preregistration deadline~~
- **5-9 October 2025**
  Conference days
- **1 January – 30 June 2026**
  Submission of presented papers to the special issues of IEEE JSTARS

Paper Submission

- Authors are invited to submit two-page abstracts of original contributions in the form of paper summaries.
- The abstract should concisely describe the objectives, results and conclusions of the original work.
- The online collection system for abstract and final paper will be available at **https://apsar2025.ce.t.kyoto-u.ac.jp/**.
- Authors of accepted papers will be notified through e-mail and receive instructions for publication at that time.
- All papers accepted will be included in IEEE Xplore and indexed by EI and ISTP.

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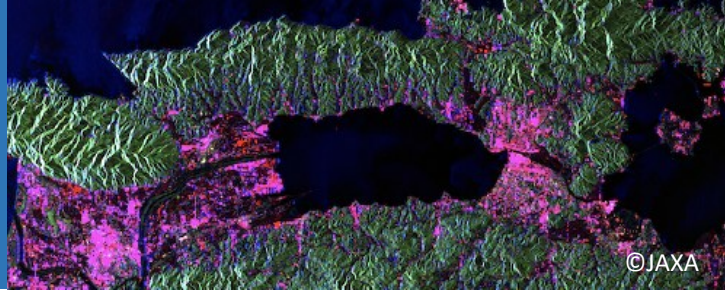

CALL FOR PAPERS

Concept of APSAR 2025

"SAR Technology and Applications for Sustainability"

There is growing concern about changes in the global environment, such as the frequent occurrence of abnormal weather events in various regions. The main causes of these changes are the various effects of our social activities. In particular, the SDGs and various other movements are taking place in the international community to review the activities of human society that are directly linked to environmental changes, such as excessive emissions of CO2 and other greenhouse gases that cause global warming, the loss of vast forests due to development, and ocean pollution that is becoming increasingly serious. There is a wide range of capabilities required to minimize global environmental changes and realize a sustainable society. Join the conference to discuss SAR technology and applications that are expected to play a major role.

Topics

S. Special Sessions
- S1. Mapping for SDGs (Global Mapping for SDGs, Green Energy, Digital Twin, Demography, Data Business, Health, Finance, Insurance)
- S2. Geohazard (Land slide, Tsunami, Volcanic hazard, Tectonic, Surface Deformation)
- S3. ALOS Series (ALOS, ALOS-2, ALOS-4)

A. SAR Applications
- A1. Forest
- A2. Agriculture
- A3. Climate Change
- A4. Ocean
- A5. Ice, Snow, and Glacier
- A6. Water Flood
- A7. Urban Infrastructure
- A8. Digital Elevation Modelling
- A9. Spatial Information Sciences
- A10. Archaeology
- A11. Education and Outreach

B. SAR Systems and Missions
- B1. Spaceborne SAR Systems and Missions
- B2. Airborne SAR Systems and Missions
- B3. UAV-based SAR
- B4. Ground-based SAR
- B5. Next Generation SAR Systems, Missions, and Simulation

C. SAR Technology and Calibration
- C1. Components and Subsystems
- C2. Antennas
- C3. Calibration and Validation
- C4. Emerging Technologies in SAR Sensor Design

D. SAR Imaging and Signal Processing
- D1. Imaging Technique
- D2. Image Filtering, Correction, and Enhancement
- D3. Compressive Sensing
- D4. MIMO
- D5. Sub-surface Sensing
- D6. Imaging Simulation

E. SAR Processing Technique and Modeling
- E1. SAR Interferometry
- E2. PolSAR and PolInSAR
- E3. SAR Tomography
- E4. Moving Target Detection and Indication
- E5. Machine Learning and Deep learning
- E6. Data Fusion
- E7. Electromagnetic Modeling

Award

Awards are planned for **Best Student Papers**.
For further information see our website.

APSAR 2025 Website

Welcome to Matsue!

In Matsue, historical heritage and traditional culture that entice travelers from around the world coexist with modern times. Travel to Matsue to experience as-yet-largely-undiscovered places where Japan's original landscapes remain!