

Call For Papers

The 7th Asia-Pacific Conference on Synthetic Aperture Radar (AP SAR 2021)

1-5 November 2021, Bali

Asia-Pacific Conference on Synthetic Aperture Radar (AP SAR) is an international conference devoted to SAR technology development and applications. The AP SAR 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 AP SAR conference is held every two years in China, Japan, Korea, Australia, and Singapore in turn, and AP SAR 2021 will be held the first time at Indonesia.

The 7th AP SAR (AP SAR 2021) will be held on 1 - 5 November 2021 in Bali Island, Indonesia. 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. We invite you sincerely to participate in AP SAR 2021, and we looking forward to meeting you in Bali Island, Indonesia during AP SAR.

Organizing Committee

General Chair

Prof Josaphat Tetuko Sri Sumantyo
Chiba University

Vice General Chair

Dr.-Ing. Wahyudi Hasbi
National Institute of Aeronautics and Space (LAPAN)

General Co-Chair

Prof. Ketut Wikantika, Ph.D
Institut Teknologi Bandung (ITB)

Vice General Co-Chair

Dr Agustan
Agency for the Assessment and Application of
Technology (BPPT)



Conference Schedule

KEYNOTE SPEAKS, TUTORIAL,
ORAL SESSION & POSTER SESSION
1 - 5 NOVEMBER

08:00-17:00 WIB / 01:00-10:00 UTC

Important Dates

- February 28, 2021**
Submission system online
- May 31, 2021**
Paper Submission Deadline
- August 1, 2021**
Notification of paper acceptance
- September 1, 2021**
Deadline of final paper submission
- November 1, 2021**
Conference first day
- November 5, 2021**
Conference last day



Registration
<http://apsar2021.org/>



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Technical Program and Scope

The conference will consist of several technical sessions to provide the program with breadth and depth by plenary talks, tutorials, oral and poster presentations, and exhibitions, along with some special technical sessions. Contributions are encouraged from, but not limited to, the following topics. If you plan a Special Session, please contact info@apsar2021.org (and cc to jtetukoss@faculty.chiba-u.jp) before 31 January 2021.

A. SAR Platform

- A1. Airborne SAR Systems and Missions
- A2. Spaceborne SAR Systems and Missions
- A3. Unmanned Aerial Vehicle and HAPS SAR Systems and Missions
- A4. Ground Based SAR
- A5. Inverse SAR

B. Interferometric and Polarimetric SAR

- B1. Interferometric SAR
- B2. Polarimetric SAR
- B3. Polarimetric Scattering Information Utilization

C. Multiband and Multibeam SAR

- C1. Multiband and Multibeam SAR
- C2. Long Wave SAR
- C3. Multi Channel SAR

D. Planetary SAR

- D1. Planetary SAR
- D2. Lunar Observer SAR
- D3. Radar System Simulation and Modeling
- D4. SAR System Simulation and Modeling
- D5. Geostationary SAR

E. SAR and Radar Systems

- E1. Components and Subsystems
- E2. Bi/Multistatic SAR/Radar
- E3. Inverse SAR (ISAR)
- E4. High Resolution SAR

F. SAR Image Processing

- F1. Image Filtering, Correction and Enhancement
- F2. Classification
- F3. Segmentation Feature Extraction and Analysis
- F4. Inver SAR (ISAR)
- F5. Product Validation, Data, Fusion and Value Adding

G. SAR Applications

- G1. Applications for Land, Vegetation, and Ocean
- G2. SAR Processing and Correction
- G3. Long Term Monitoring

H. Moving Target and Detection

- H1. Moving Target Detection and Indication
- H2. SAR Processing and Correction

Student Paper Competition

Students are invited to submit a paper to the APSAR Student Paper Competition. The selection of the finalist papers will be done by a committee of experts, and the selected students will present their papers during a special session at the Symposium.

Publication of Proceedings

All accepted and presented papers will be submitted for inclusion in IEEE Xplore.

Paper Submission

- Use the links: <https://apsar2021org/paper> to submit a manuscript or to revise an existing submission.
- Use of the **APSAR 2021 Template** is mandatory and only submissions following the instructions will be considered.
- Word (A4 portrait) and LaTeX templates can be taken from: <https://www.ieee.org/conferences/publishing/templates.html>.
- All manuscripts must be **written in English**.
- Paper length: the minimum page limit for all manuscripts is 4 pages, and the maximum page limit is **6 pages, including figures, tables and references**.
- Papers must be submitted in **Adobe's Portable Document Format (PDF)**, and the allowed file size is **5MB**.

Welcome to Bali Island

Bali Island is a beautiful "Island of God in Paradise" a part of Indonesia's archipelago and the most famous Indonesian tourism in the world. It owns the panorama and unique culture that make this island exclusive to others. Bali Island has many places of interest such as Kuta and Kelingking beaches, Tanah Lot and Uluwatu temples, Ubud rice paddies, Batur and Agung volcanoes, etc, tourism activities as well as attractions. Also, it has a beautiful jungle, long sandy beaches, warm blue water, crashing surf, and friendly people. Moreover, the local people present daily community ritual and a lot of things make your holiday unforgettable. A good time of the day with a sea breeze will complete your holiday dream.