

Meeting Minutes IEEE SPS Synthetic Aperture Technical Working Group

10 August 2023

1. Group members in attendance were Kumar Vijay Mishra, Peter Vouras, Ahmet Elbir, Arpan Chattopadhyay, Shobha Sundar Ram, David Griffith, Ramesh Annavajjala, Rodrigo de Lamare, and guest presenter Amit Vishwas.
2. Amit Vishwas, Research Scientist at the Cornell Center for Astrophysics and Planetary Sciences (CCAPS) and the Department of Astronomy at Cornell University, was the guest speaker and presented an overview of A Fully Cryogenic L-band Phased Array Feed (ALPACA) project for radio astronomy. Follow-up questions on the presentation were asked by Peter, Vijay, and David. There was discussion on the possibility of radar astronomy study group within the SASC.
3. Ahmet, Chair of Special Issue Subcommittee, presented updates on the special issues (SIs) that TWG members have been leading.
4. Arpan, Chair of Nominations & Appointment Subcommittee, presented updates on the upcoming Vice-Chair election.
5. Peter, Chair of Webinar Subcommittee, presented updates on the webinar schedule. The inaugural webinar was held in July 2023 and speakers are lined up for the next 3 webinars.
6. Arpan & Vijay's proposed special session on covert communications was accepted at the 2024 ICASSP. Other members expressed interest in submitting SS proposals to ICIP and IGARSS next year.
7. Peter updated the TWG on the CISA conference preparations. The SPS has recently approved the 2024 CISA conference at NIST, Boulder, CO. The General Chairs (Peter, Aly, Paritosh, and Vijay) are now working on the organizing details.
8. Proposal and planning for 2024 ICASSP SA workshop (Peter Vouras & Kumar Vijay Mishra): The 2024 workshop proposal has been approved by the ICASSP organizers. The workshop chairs will hold separate meetings with the TPC members to decide the invited speakers and the technical program.
9. SASC chair Peter provided updates on SA standards activities. The SASC is organizing Radar Day" on 26 September 2023, wherein all SASC radar-related working/task/study groups will present their work on standards.
10. Our next meeting will be on ***Thursday, September 07 at 1:00 pm ET.***