

Meeting Minutes IEEE SPS Synthetic Aperture Technical Working Group

01 February 2024

1. Group members in attendance were Kumar Vijay Mishra, Peter Vouras, Ahmet Elbir, David Griffith, Arpan Chattopadhyay, Aly Artusio-Glimpse, Subhanshu Gupta, Wei Liu, Samuel Pinilla, Raghu Raj, Shobha Sundar Ram, Fabrizio Santi, and Amit Vishwas. Guests in attendance were Jonathan Monsalve and Edwin Vargas.
2. Shobha Sundar Ram from IIT Delhi gave a presentation on "*Inverse Synthetic Aperture Radar Imaging of Automotive Targets*". Follow-up questions on the presentation were asked by David, Amit, Ahmet, Wei, Raghu, and Peter.
3. Ahmet, Chair of Special Issue (SI) Subcommittee, presented updates on the special issues (SIs) that TWG members have been leading. Raghu and Shobha are finalizing their T-AES SI proposal. Samuel expressed interest in submitting a SI proposal to *Inverse Problems*.
4. Peter, Chair of Webinar Subcommittee, presented updates on the webinar schedule. The subcommittee organized a webinar by Joseph Tabrikian (Ben Gurion University). Future shortlisted speakers are A. Chockalingam (IISc, Bengaluru), and Muralidhar Rangaswamy (AFRL).
5. Vijay proposed that the TWG organize a SPS summer school on synthetic apertures. Members discussed various aspects of such a proposal. Shobha will investigate putting up a proposal for a summer school in India.
6. Vijay updated the TWG about the 2024 URSI AT-RASC conference, where some TWG members are organizing special sessions.
7. Peter updated the TWG on the CISA '24 conference preparations. Members discussed further CISA participation opportunities. Three tutorial proposals have been received: SAR (Armin), ISAR (Shobha), phase retrieval (Samuel and Vijay).
8. Peter updated the TWG about the preparation for the 2024 ICASSP SA workshop. The program for invited speakers has been finalized and review of currently submitted papers has been going on.
9. SASC chair Peter provided updates on SA standards activities and upcoming meeting schedule.
10. Vijay requested the TWG members to send in their subcommittee preferences.
11. Vijay informed the TWG that, during 2024 ICASSP, in-person TWG meeting (with a virtual option) will be held in Seoul on 15 April.
12. Our next meeting will be on ***Thursday, 07 March 2024 at 12:00 noon ET.***