

Meeting Minutes IEEE SPS Synthetic Aperture Technical Working Group

06 June 2024

1. Group members in attendance were Kumar Vijay Mishra (Chair), Ahmet Elbir (Vice-Chair), Peter Vouras, Arpan Chattopadhyay, Shobha Sundar Ram, Samuel Pinilla, Raghu Raj, Fabrizio Santi, Junil Choi, and Paritosh Manurkar. Guests in attendance virtually were Shubhankar Majumdar and Figen Oktem.
2. Figen Oktem from Middle East Technical University, Turkey gave a presentation on *Physics-Informed Deep Learning for Solving Inverse Problems in Radar Imaging*. Follow-up questions on the presentation were asked by Shobha and Vijay.
3. Peter updated the TWG about the successful conclusion of the CISA conference, wherein 71 delegates attended in person and 20 virtually. CISA featured many keynotes and tutorials with 31 papers presented out of 38 submissions received. Shobha suggested making CISA talks virtually available for students at a reduced registration rate. Paritosh suggested a more proactive approach in publicizing the conference next time. Samuel asked about the projected number of attendees.
4. TWG discussed expression-of-interest by the TWG member Samuel Pinilla that he and his colleagues at Rutherford Appleton Laboratory (RAL), UK would like to host a future edition of CISA at RAL. Samuel mentioned that his colleagues are not necessarily looking to organize CISA next year (2025) but in near future (e.g., 2026). Peter asked if this proposal is independent of the ongoing CISA editions, to which Samuel replied that it is not. Rather, the proposal is to host a future edition of the existing CISA conference at another location. Peter mentioned that he has already formed the organizing committee for 2025 CISA and, if Samuel wants to organize the 2024 CISA at RAL, he should submit the written proposal to the 2025 organizing committee. Vijay mentioned that usually the proposers of the conference edition are the General Chairs of that edition. Samuel mentioned that he will discuss Peter's feedback with his RAL colleagues and report back the conclusions from their discussions.
5. Vijay informed the TWG that paper submission is now open for the IEEE T-CI Special Section on *Computational Imaging using Synthetic Apertures*. TWG members are encouraged to spread the word about as well as submit papers to the SS.
6. TWG discussed the possibility of organizing the next edition of the SA workshop at 2025 ICASSP. The call of proposals for workshops is not yet open on the conference website.
7. TWG discussed Arpan's proposal and planning for a pre-conference workshop at 2025 ICASSP.
8. TWG discussed Shobha's proposal and planning for a post-conference summer school at 2025 ICASSP.
9. Vijay informed the TWG that call for special sessions is now open for 2025 ICASSP and members are encouraged to submit their proposals.
10. Ahmet, Chair of Special Issue (SI) Subcommittee, presented updates on the special issues (SIs) that TWG members have been leading or preparing.
11. Peter, Chair of Webinar Subcommittee, presented updates on the webinar schedule.

The subcommittee is going to organize a webinar by Rodrigo de Lamare (PUC-Rio and York). Future speakers include A. Chockalingam (IISc, Bengaluru) and Kai-Kit Wong (UCL).

12. Chairs/members of Industry/Government Liaison and New Initiatives subcommittees were either not available to attend this TWG meeting or did not have an update. So, discussion on these subcommittees was postponed to the next TWG meeting.
13. SASC chair Peter provided updates on SA standards activities and upcoming meeting schedule.
14. Our next meeting will be on ***Thursday, 11 July 2024 at 13:00 US ET.***