

Meeting Minutes IEEE SPS Synthetic Aperture Technical Working Group
13 July 2023

1. Group members in attendance were
 - David Griffith, Raghu Raj, Igor Shevkunov, Yu Rong, Peter Vouras
2. Dr. Yu Rong presented an overview of his current research on diagnostic health measurements using radar. Questions were asked by Raghu Raj and Peter Vouras and a discussion followed.
3. TWG members presented updates on the special issues (SIs) related to synthetic apertures (SAs) they are leading:
 - Raghu
 - Finalizing outline for overview paper on multistatic radar as part of the JSTARS SI
 - Peter
 - TAP proposal substantially revised and refocused towards antenna design for computational imaging
 - Yu
 - J-BHI SI accepted
 - Igor
 - Phase retrieval proposal in process
4. TWG Vice-Chair election subcommittee:
 - Yu Rong volunteered to serve on this committee. The committee will nominate candidates for Vice-Chair and conduct the balloting process. A vice-chair must be elected by November 15 and he/she will assume their role officially on January 1
5. SA-TWG webinars by the Webinar Subcommittee:
 - The logistical details are being finalized for the first webinar to take place on July 26 by Prof. Davide Dardari of the University of Bologna
6. Special session proposals for 2024 ICASSP and other conferences:
 - Nothing new to report
7. Feedback from 2023 ICASSP:
 - Workshop was well attended throughout the day. Featured 13 lecture papers, 5 posters, 7 speakers
8. Proposal and planning for a 2024 ICASSP workshop:
 - Proposal submitted to ICASSP 2024 for a workshop on “Computational Imaging Using Synthetic Apertures”
9. Update on proposed conference on Computational Imaging Using Synthetic Apertures (CISA), June 3 – 6, 2024, at NIST Boulder:
 - A formal proposal for the conference was submitted to the IEEE and NIST. The application is currently under review by both organizations.
 - Peter Vouras presented an overview of the proposed conference and

described the scope, location, nominal budget, organizational structure, and preliminary technical program

- After finishing the presentation and asking for any questions, Peter Vouras designated Raghu Raj as the meeting chair and left the WebEx session
- Raghu Raj continued the meeting and reported later via email that the TWG members unanimously approved the proposed CISA conference
- Raghu Raj also notified Caroline Johnson (IEEE staff) via email of the outcome
- The next step in the approval process is the SAM TC must review and endorse the CISA conference application

10. The next SA-TWG meeting will be on ***Thursday, 10 August at 1 pm ET***