

IEEE Signal Processing Society Synthetic Aperture Standards Committee (SASC)

Meeting Minutes

Thursday, January 16, **12:00p – 1:00p EDT (UTC-4)** via teleconference

<https://ieeesa.webex.com/ieeesa/j.php?MTID=me1a17aa6cc308b5b40d40a3acb0c4aa8>

Recorded by Aly Artusio-Glimpse, NIST

1. Called to Order at 12:02 p.m. ET
2. Introduction and Affiliation Declarations made
 - a. [Quorum established.](#)
3. Motion #1: Approval of [Agenda](#)
 - a. Mover: Aly Artusio-Glimpse, NIST
 - b. Seconder: Brandley Evans, UNM
 - c. Discussion: none
 - d. Result: unanimously approved
4. Motion #2: Approval of Previous Meeting Minutes
 - e. Mover: Bradley Evans, UNM
 - f. Seconder: Shubham Sharma, Galaxeye Space
 - g. Discussion: none
 - h. Result: unanimously approved
5. Call for Patents and review of Policies.
 - a. None reported
6. Discussion Topics:
 - a. Current state of the committee and status of the working groups
 - i. Sonar WG (data format standard) making steady progress
 - ii. MRI WG paper submitted to ISBI on using dictionary methods to determine image quality. The methods outlined in this paper will form the basis of this standard.
 - iii. Machine Learning WG has a presentation on image segmentation coming up on February 6
 - iv. ISAC WG meeting rescheduled for Jan 20. Hardware implemented sparse compressive sensing algorithm will form basis of this standard.

- v. Radiometry WG meets next on Jan 23. Constraining this standard to Earth observations, not other planets due to delay and related issues.
 - vi. Digital Phased Array SG had a kick-off meeting on Jan 9. Next meeting Feb 6. More discussion below.
 - vii. CISA 2025 June 2-6 at U Maryland, paper deadline is Feb 28, will include a special climate change track, several tutorials, 9+ keynote speakers, virtual attendance option will be offered
 - viii. Other WG within this committee have not met recently. Officers of these groups have until next SASC to resolve laps in activity, else committee will vote on how to proceed.
- b. Preview of Project Authorization Request (PAR) to transition Digital Array Study Group to Working Group
- i. Motion #3: Approval of the Digital Array Study Group PAR
 - 1. Mover: Brian Sequeira, JHUAP
 - 2. Seconder: Bradley Evans, UNM
 - 3. Discussion: none
 - 4. Result: unanimously approved

7. New Business

- a. Call for new SASC Secretary – Shubham Sharma expressed interest. Appointed by Chair.

8. Future Meetings

- a. Next meeting planned for 12:00 p.m. ET (UTC-4) 13 March 2025

9. Adjourned at 1:00 p.m. ET