

IEEE Signal Processing Society  
Synthetic Aperture Standards Committee  
Meeting Agenda (draft) for Wednesday, July 20, **3:15p - 4:15p ET** via teleconference

1. Call to Order
2. Introduction and Affiliation Declarations
  - a. Please provide name, email, affiliation on Google form
  - b. Establish Quorum
3. Approval of Agenda
  - a. Mover
  - b. Seconder
  - c. Discussion
  - d. Result (approve, disapprove, abstain)
4. Approval of March 9 Meeting Minutes
  - a. Mover
  - b. Seconder
  - c. Discussion
  - d. Result (approve, disapprove, abstain)
5. IEEE Patent Policy
  - a. Call for Patents
6. IEEE Copyright Policy
  - a. Review Copyright Slides
7. Discussion Topics: We will review the following standards published by the IEEE Antennas and Propagation Standards Committee
  - a. IEEE Standard 149-2021 ***IEEE Recommended Practice for Antenna Measurements***
  - b. IEEE Standard 1720-2012 ***IEEE Recommended Practice for Near-Field Antenna Measurements***
  - c. For group discussion will be whether there are gaps in these standards where the SASC could make a contribution using synthetic aperture techniques? For example, we will consider opportunities in
    - i. New or emerging technologies, such as Intelligent Reflecting Surfaces (IRSs)
    - ii. Near-field phaseless measurements
    - iii. In-situ measurements corrupted by extraneous scattering
    - iv. Errors induced when a non-planar wavefront propagates across a large planar synthetic aperture. Large apertures are necessary to provide high angular resolution.
8. New Business
9. Future Meetings
  - a. We will discuss having our next meeting in September and skipping August to accommodate vacations
10. Adjourn