**IEEE Signal Processing Society**

**Synthetic Aperture Radiometry Working Group**

Minutes for 3rd meeting April 27, 2023 Time 11:00 AM ET via teleconference

Recorded by Aly Artusio-Glimpse, NIST

1. Call to order at 11:01 a.m.
2. Introductions made.
   1. [Quorum not met](https://ieee-sa.imeetcentral.com/p/aQAAAAAFCt9M). Meeting proceeding as ad hoc.
3. Patent call – none reported
4. Discussion Topics
   1. Roll call of contribution plan
      1. Ramesh Annavajjala, Umass Boston – contribution plan to be reported at a future meeting
      2. Aly Artusio-Glimpse, NIST – lit. review plan identifying errors (and causes) in radiometry-based measurements of atmospheric temperature and water vapor.
      3. Corina Nafornita, UPT – loose idea in the direction of single radiometers
      4. Peter Vouras, US DOD – Impact of array geometries (Y-shape vs rectangular, etc). Also interest in RFI.
      5. Brian Sequeira, JHUAPL – orphaned topics
   2. Resources available (Ramesh Annavajjala, Umass Boston)
5. New Business
   1. Discrepancy reports
6. Future Meetings
   1. May 25, 2023, time TBD
7. Adjourned at 11:58 a.m. ET