

5G mmWave Channel Model Alliance

Wednesday July 24, 1-4 PM

Contact: Marc Leh, Jeanne Quimby, Kate Remley, Camillo Gentile

Agenda:

1:00-2:00: Business Meeting (Leh)

- Introduction of Participants
- Review of current projects
 - White paper update (5 min, Remley, Gentile)
 - IEEE Best Practice Standard (5 min, Michelson, Quimby)
 - Data Repository (10 min, Gentile)
 - Benchmarking Channel Sounders through a System Model (30 min, Gentile)
 - NIST Channel Sounder Verification project (10 min, Quimby)

2:00 – 3:10: Future Directions for the Alliance (Leh)

- Improved/Standardized Calibrations (15 min, Guvenc)
- MPC Extraction from Channel Measurements (20 min, Sayeed)
- Proposed Angle-of-Arrival verification Technique (20 min, Quimby)
- 28 GHz Urban Canyon Model (5 min, Gentile)
- Ideas for Other Future Directions (15 min, all)

3:15-3:55: Updates on Participants' New Work (Leh)

- NCSU/SC 38 GHz sounder (Matolak/Guvenc)
- (TBD)

3:55 – 4:00: Review of next steps, next meeting dates (Leh)

4:00: Adjourn