

SLAC-2017 CMB-S4 workshop themes

- Clusters and high-ell science
- Systems engineering and technical flowdown
- Starting to discuss a formal CMB-S4 scientific collaboration (not the same as the CMB-S4 Project)

Tuesday morning session

8:00 am Continental Breakfast

9:00 am: [Lessons learned from Stage-3 experiments](#) - Moderator: Lyman Page

- Polarbear / Simons Array
- SPT-3G
- AdvACT
- BICEP / Keck

10:00 am: Coffee Break -- *30 mins*

10:30am: [Complementary opportunities](#) - *1 hour* - Moderator: John Ruhl

- Simons Observatory - Mark Devlin
- Ground-based CMB programs in Europe
- Tibet - Chao-Lin Kuo
- CCAT-Prime - Michael Niemack

11:30am: [Overview of CMB-S4 Technology Book](#) - *30 minutes* - Zeesh Ahmed and Aritoki Suzuki

12:00pm: [Technical Flowdown: Systems Engineering](#) - *45 minutes* - Steve Padin and Jeff McMahon

12:45pm: Lunch - *1 hour 15 minutes*

Tuesday afternoon session

2:00pm: Parallel sessions - *2 hours*

- [Optical Coupling, Sensors and Readout](#) (Aritoki Suzuki, Zeeshan Ahmed, and Jeff McMahon)
- [Telescopes and Receiver Optics](#) (Michael Niemack, Nils Halverson, and Steve Padin)
- Foregrounds, Systematics & Modeling
 - [Small Angular Scales](#) (Dunkley, Green, van Engelen)
 - [Large Angular Scales](#) (Borrill, Flauger, Kovac)

4:00pm: Coffee Break - *30 minutes*

4:30pm: [SLAC-2017: Final session](#) - *1 hour 30 minutes*

- Parallel session summary
- Panel: Collaborations in large DOE/NSF projects
 - Tom Shutt: LZ
 - Steve Kahn: LSST DESC
 - Jim Yeck: IceCube
- Closing

6:00pm: Adjourn