

SLS-OPT Fall 2022 Agenda:

Monday PM (Oct 17): 1:30-5:30

- Agency presentations (15-20 min per presentation)
 - Implementation of convolutional interleaver for HPE (J. Downey, NASA GRC)
 - RealTOR (J. Downey, NASA GRC)
 - Demonstrator (G. Artaud, CNES)
 - Artemis presentation (T. Araki, JAXA)
 - Deep Space Optical Comm effort for Psyche (J. Hamkins, NASA and ESA)
 - HyDRON update (remote presentation by ESA)
 - Optical Nucleus Network with KSAT (ESA)

Tues AM (Oct 18):

- Status of Agency review of O3K
- O3K prototyping effort
 - Agency status: CNES, DLR, ESA
 - Discussion of remaining issues (2 hours)
- Coherent Blue Book discussion—formulation of forward plan (30 min- 1 hour)
 - Orange Book overview and discussion (B. Robinson, NASA)
 - HyDRON Coherent input (D. Arapoglou, ESA)

Tues PM (Oct 18):

- O3K/HPE ranging (2 hours—potential splinter meetings)
 - O3K ranging (UMK/TBC)
 - HPE ranging (M. Sanchez-Net, NASA)
 - Discussion of forward path
- Atmospheric Characterization: LCRD and Magenta Book; follow-on Blue Book on data formats (1-2 hours)
- Future meeting schedule

Wed AM (Oct 19):

- SLS-SLP/SLS-C&S/SLS-OPT joint session to discuss variable length frames (2 hours)
 - White paper (Ken Andrews)
 - ESA need for GFP (TBD)
- Joint session with SEA-Time Management WG to discuss Frequency and Timing (2 hours)
 - Overview of GB on Time Transfer (J. Hamkins, NASA)
 - HPE ranging overview (M. Sanchez-Net, NASA)
- Demo of LDPC Chain, TBD (CNES)

Wed PM (Oct 19): TBD, if needed