**Fall 2019 CCSDS Meeting—Darmstadt**

**SLS-OPT Technical Meeting Agenda**

**Monday, Oct 21:**08:45 – 9:45: CCSDS Plenary

09:45 - 12:30- SLS - Optical Communications Working Group

* No session this morning

13:30 - 17:30- SLS - Optical Communications Working Group

* Review of latest Physical Layer Blue Book including O3K updates
  + Goal: Resolution: Start agency review for Physical Layer Pink Book including O3K materials
* Pink Sheets for GFP (Jon Hamkins)
* HPE Ranging (Jon Hamkins)
* O3K simulation results
  + NASA
  + ESA/ESTEC
  + CNES/Airbus France
  + JAXA

**Tuesday, Oct 22:**08:45 - 12:30- SLS - Optical Communications Working Group

* High-throughput LDPC Decoder Implementations (Marchand/Boutillon)
* Update on Atmospheric Characterization Magenta Book (Randy Alliss)

13:30 - 17:30- SLS - Optical Communications Working Group

* Analysis of weather data (Randy Alliss)
* ESA: Weather forecast for Ka-band (Maria Montagna)
* Update on generic frame procedures (Bryan Robinson)
* HDR 1550 nm Orange Book Update (Bryan Robinson)

**Wednesday, Oct 23:**08:45 - 12:30- SLS - Optical Communications Working Group

* O3K Coding & Synchronization “way forward” discussion
* Agency presentations on latest optical communications efforts
  + ESA (Clemens Hesse, to be confirmed)
  + TESAT (Frank Heine)
  + DLR/IKN (Dirk Giggenbach)
  + NASA TBIRD
* Determine schedule for upcoming meetings
* Prepare meeting minutes and working group report for Gian-Paolo Calzolari

13:30 - 17:30- SLS - Optical Communications Working Group