



2018 Air Quality Science Working Group Workshop Tuesday, May 1, 2018

- 8:30 – 9:00 Registration
- 9:00 – 9:15 Welcome and Scope: Kondragunta / Al-Saadi
- 9:15 – 9:30 Update on the state of GEO hosted payloads: Neil
- 9:30 – 10:30 Aerosol Working Group
- 8 min: Chin: Introducing aerosol WG study topics + retrieval availability and applications of PM2.5 AQ
 - 10 min: Torres: Available algorithms for land AOD retrieval over North America
 - 7 min: Wang: Retrieval of coastal AOD and aerosol height
 - 15 min: Lyapustin: MAIAC application for geostationary retrieval of Himawari aerosol and TEMPO-GOES synergy study using GLI as a testbed
 - 15 min: Ciren: Synergistic use of TEMPO and GOES-16 ABI observations to derive aerosol products
 - 5 min: Chin: Forward-looking recommendations
- 10:30 – 10:59 Break
- 10:59 – 11:45 Emissions Working Group: 8 min each: Henze, Cohen, Kim, Krotkov, Wang
- 11:45 – 12:30 Methane Working Group: Jacob, Edwards, Bowman, Sander
- 12:30 – 1:30 Lunch
- 1:30 – 2:15 Airborne Simulators: Al-Saadi
- 2:15 – 3:00 Regional/Urban OSSE Working Group: Pierce, Natraj
- 3:00 – 3:30 Break
- 3:30 – 4:30 Global OSSE Working Group
- 5 min: Edwards: OSSE activity overview
 - 15 min: Castellanos: GMAO activities/highlight accomplishments; GEOS-5/GEOS-Chem NR
 - 10 min: Jacob: Harvard activities/highlight accomplishments
 - 15 min: Bowman: JPL activities/highlight accomplishments
 - 15 min: Edwards: NCAR activities/highlight accomplishments
- 4:30 – 5:30 Discussion: Forward-looking activities needed to ensure that the "Program of Record" succeeds in meeting GEO-CAPE atmosphere science goals.
- 5:30 – 5:45 Any Other Business / Workshop Wrap-up

Poster Session will be displayed all week. No specific dimensions required.