**Atmospheric Composition Constellation Meeting (ACC-8) - 18-19 April 2012, Columbia, Maryland**

**Agenda**

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| **April 18** | **Scope / CEOS Executive Officier Report** |  |
| 13.30 – 13.40 | Welcome/Logistics | R. Eckman/NASA |
| 13.40 – 13.50  13.50 – 14.10  14.10 – 14.20  14.20 – 14.40  14.40 – 15.00  15.00 – 15.20  15:20 – 15:30  15.30 – 15.50  15.50 – 16.10  16.10 – 16.30  16.30 – 17.00  17:00 – 17:20  17:20 – 17:40  **19.30** | Scope of this Meeting  New Directions for Working Groups and Virtual Constellations based on the CEOS Self-Study  Questions / Discussion  **Coffee Break**  **Geostationary Air Quality Constellation Coordination**  GEO-CAPE and near-term AQ constellation activities  Sentinel-4  MTG-IRS  GMAP-Asia  GeoKOMPSAT  PHEOS  Path forward to implement short-term AQ constellation actions: Discussion  **Near-Term Total Ozone Measurement Coordination: Algorithms, Uncertainty Quantification, Modelling Needs, Data Fusion**  Current scientific issues involving atmospheric ozone:  Implications for future space-borne observations  **Status of Ongoing Projects**  SPARC Data Initiative  **No-Host Dinner (Near Hotel)** | C. Zehner/ESA  T. Stryker/USGS/CEOS Executive Officer  All  J. Al-Saadi/NASA  C. Zehner/ESA  R. Munro/EUMETSAT  Y. Kasai/NICT  J. Kim/Yonsei U and C.K.Song/NIER, ME  J. McConnell/York Univ.  All  R. Salawitch/Univ. of Maryland  L. Froidevaux/JPL |
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| **April 19**  09.00 – 09:15  09.15 – 09:30  09:30 – 09.45  09.45 – 10.00  10.00 – 10.15  10:15 – 10:25  10.25 – 10.40  10.40 – 11.00  11.00 – 11.15  11.15 – 11.30  11.30 – 11.45  11.45 – 12.00  12.00 – 12.45  12.45 – 13.45  13.45 – 14.00  14.00 – 14.15  14.15 – 14.30  14.30 – 14.45  14.45 – 14.55  14.55 – 15.15  15.15 – 15.35  15.35 – 15.50  15.50 – 16.05  16.05 – 16.20  16.20 – 16.35  16.35 – 17.05 | **Near-Term Total Ozone Measurement Coordination: Algorithms, Uncertainty Quantification, Modelling Needs, Data Fusion**  NASA MEaSUREs Global OZone Chemistry And Related trace gas Data records for the Stratosphere (GOZCARDS) project  SBUV/TOMS total ozone  OMI/TROPOMI  OMPS  GOME-2 and Metop-A and Metop-B tandem operations  Metop IASi total ozone  GOME/Sentinel 5P  **Coffee Break**  GOMOS error estimation  Smoothing and sampling issues affecting data comparisons, with quantitative illustrations in satellite validation and data assimilation  Total ozone algorithm developments for GOME, SCIAMACHY and GOME-2 as part of the ESA Ozone\_cci project  A European modelling view on total ozone data set usage within climate models  Discussion/Next Steps for ACC projects responding to new CEOS directions  **Lunch Break**  **Limb-Scattering Ozone Profile Measurements: Current Status and Near-Term Prospects, Coordination Needs**  OMPS-Limb initial results  SCIAMACHY  ODIN/OSIRIS  SAGE III-ISS limb scattering measurement plans and prospects  ACE-FTS and ACE-MAESTRO measurements  Discussion/Next Steps  **Coffee Break**  **Agency Reports, Status of Ongoing Projects, New Project Concepts**  Atmospheric Chemistry and Climate Model Intercomparison Project (ACCMIP) project  AC Portal: Potential to contribute to multi-instrument error/uncertainty quantification activities  CSA activities  A volcanic ash warning (alert) system based on space measurements  **CEOS Carbon Task Force Update**  Carbon Task Force – atmospheric segment activities | L. Froidevaux/JPL  P.K. Bhartia/NASA  P. Veefkind/KNMI  L. Flynn/NOAA  R. Munro/EUMETSAT  R. Munro/EUMETSAT (for C.Clerbaux/CNES)  D. Loyola/DLR  J. Tamminen/FMI  J.C. Lambert/BIRA-IASB  M. van Roozendael/BIRA-IASB  M. van Roozendael (for P. Braesicke/Univ. Cambridge)  All  P.K. Bhartia/NASA  M. Weber/Univ. of Bremen  D. Degenstein/Univ. of Saskatchewan  J. Zawodny/NASA  K. Walker/U. Toronto  All  J. Neu/JPL  S. Falke/Northrop/Grumman  T. Piekutowski/CSA  C. Zehner/ESA  D. Wickland/NASA |