**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 – 13.5013.50 – 14.1014.10 – 14.2014.20 – 14.4014.40 – 15.0015.00 – 15.2015:20 – 15:3015.30 – 15.5015.50 – 16.1016.10 – 16.3016.30 – 17.0017:00 – 17:2017:20 – 17:40**19.30** | Scope of this MeetingNew Directions for Working Groups and Virtual Constellations based on the CEOS Self-StudyQuestions / Discussion**Coffee Break****Geostationary Air Quality Constellation Coordination**GEO-CAPE and near-term AQ constellation activitiesSentinel-4MTG-IRSGMAP-AsiaGeoKOMPSATPHEOSPath 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/ESAT. Stryker/USGS/CEOS Executive OfficerAllJ. Al-Saadi/NASAC. Zehner/ESAR. Munro/EUMETSATY. Kasai/NICTJ. Kim/Yonsei U and C.K.Song/NIER, MEJ. McConnell/York Univ.AllR. Salawitch/Univ. of MarylandL. Froidevaux/JPL |
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| **April 19**09.00 – 09:1509.15 – 09:3009:30 – 09.4509.45 – 10.0010.00 – 10.1510:15 – 10:25 10.25 – 10.4010.40 – 11.0011.00 – 11.1511.15 – 11.3011.30 – 11.4511.45 – 12.0012.00 – 12.4512.45 – 13.4513.45 – 14.0014.00 – 14.1514.15 – 14.3014.30 – 14.4514.45 – 14.5514.55 – 15.1515.15 – 15.3515.35 – 15.5015.50 – 16.0516.05 – 16.2016.20 – 16.3516.35 – 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) projectSBUV/TOMS total ozoneOMI/TROPOMIOMPSGOME-2 and Metop-A and Metop-B tandem operationsMetop IASi total ozoneGOME/Sentinel 5P**Coffee Break**GOMOS error estimationSmoothing and sampling issues affecting data comparisons, with quantitative illustrations in satellite validation and data assimilationTotal ozone algorithm developments for GOME, SCIAMACHY and GOME-2 as part of the ESA Ozone\_cci projectA European modelling view on total ozone data set usage within climate modelsDiscussion/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 resultsSCIAMACHYODIN/OSIRISSAGE III-ISS limb scattering measurement plans and prospectsACE-FTS and ACE-MAESTRO measurementsDiscussion/Next Steps**Coffee Break****Agency Reports, Status of Ongoing Projects, New Project Concepts**Atmospheric Chemistry and Climate Model Intercomparison Project (ACCMIP) projectAC Portal: Potential to contribute to multi-instrument error/uncertainty quantification activitiesCSA activitiesA volcanic ash warning (alert) system based on space measurements**CEOS Carbon Task Force Update**Carbon Task Force – atmospheric segment activities | L. Froidevaux/JPLP.K. Bhartia/NASAP. Veefkind/KNMIL. Flynn/NOAAR. Munro/EUMETSATR. Munro/EUMETSAT (for C.Clerbaux/CNES)D. Loyola/DLRJ. Tamminen/FMIJ.C. Lambert/BIRA-IASBM. van Roozendael/BIRA-IASBM. van Roozendael (for P. Braesicke/Univ. Cambridge)AllP.K. Bhartia/NASAM. Weber/Univ. of BremenD. Degenstein/Univ. of SaskatchewanJ. Zawodny/NASAK. Walker/U. TorontoAllJ. Neu/JPLS. Falke/Northrop/GrummanT. Piekutowski/CSAC. Zehner/ESAD. Wickland/NASA |