

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

## Agenda

### April 18            **Scope / CEOS Executive Officer Report**

13.30 – 13.40	Welcome/Logistics	R. Eckman/NASA
13.40 – 13.50	Scope of this Meeting	C. Zehner/ESA
13.50 – 14.10	New Directions for Working Groups and Virtual Constellations based on the CEOS Self-Study	T. Stryker/USGS/CEOS Executive Officer
14.10 – 14.20	Questions / Discussion	All

### 14.20 – 14.40        **Coffee Break**

### **Geostationary Air Quality Constellation Coordination**

14.40 – 15.00	GEO-CAPE and near-term AQ constellation activities	J. Al-Saadi/NASA
15.00 – 15.20	Sentinel-4	C. Zehner/ESA
15.20 – 15.30	MTG-IRS	R. Munro/EUMETSAT
15.30 – 15.50	GMAP-Asia	Y. Kasai/NICT
15.50 – 16.10	GeoKOMPSAT	J. Kim/Yonsei U and C.K.Song/NIER, ME
16.10 – 16.30	PHEOS	J. McConnell/York Univ.
16.30 – 17.00	Path forward to implement short-term AQ constellation actions: Discussion	All

### **Near-Term Total Ozone Measurement Coordination: Algorithms, Uncertainty Quantification, Modelling Needs, Data Fusion**

17:00 – 17:20	Current scientific issues involving atmospheric ozone: Implications for future space-borne observations	R. Salawitch/Univ. of Maryland
---------------	---	--------------------------------

### **Status of Ongoing Projects**

17:20 – 17:40	SPARC Data Initiative	L. Froidevaux/JPL
---------------	-----------------------	-------------------

### **19.30                No-Host Dinner (Near Hotel)**

**April 19**

**Near-Term Total Ozone Measurement Coordination:  
Algorithms, Uncertainty Quantification, Modelling Needs,  
Data Fusion**

09.00 – 09:15	NASA MEaSUREs Global Ozone Chemistry And Related trace gas Data records for the Stratosphere (GOZCARDS) project	L. Froidevaux/JPL
09.15 – 09:30	SBUV/TOMS total ozone	P.K. Bhartia/NASA
09:30 – 09:45	OMI/TROPOMI	P. Veefkind/KNMI
09.45 – 10.00	OMPS	L. Flynn/NOAA
10.00 – 10.15	GOME-2 and Metop-A and Metop-B tandem operations	R. Munro/EUMETSAT
10:15 – 10:25	Metop IASi total ozone	R. Munro/EUMETSAT (for C.Clerbaux/CNES)
10.25 – 10.40	GOME/Sentinel 5P	D. Loyola/DLR
10.40 – 11.00	<b>Coffee Break</b>	
11.00 – 11.15	GOMOS error estimation	J. Tamminen/FMI
11.15 – 11.30	Smoothing and sampling issues affecting data comparisons, with quantitative illustrations in satellite validation and data assimilation	J.C. Lambert/BIRA-IASB
11.30 – 11.45	Total ozone algorithm developments for GOME, SCIAMACHY and GOME-2 as part of the ESA Ozone_cci project	M. van Roozendaal/BIRA-IASB
11.45 – 12.00	A European modelling view on total ozone data set usage within climate models	M. van Roozendaal (for P. Braesicke/Univ. Cambridge)
12.00 – 12.45	Discussion/Next Steps for ACC projects responding to new CEOS directions	All
12.45 – 13.45	<b>Lunch Break</b>	

**Limb-Scattering Ozone Profile Measurements: Current Status and Near-Term Prospects, Coordination Needs**

13.45 – 14.00	OMPS-Limb initial results	P.K. Bhartia/NASA
14.00 – 14.15	SCIAMACHY	M. Weber/Univ. of Bremen
14.15 – 14.30	ODIN/OSIRIS	D. Degenstein/Univ. of Saskatchewan
14.30 – 14.45	SAGE III-ISS limb scattering measurement plans and prospects	J. Zawodny/NASA
14.45 – 14.55	ACE-FTS and ACE-MAESTRO measurements	K. Walker/U. Toronto
14.55 – 15.15	Discussion/Next Steps	All
15.15 – 15.35	<b>Coffee Break</b>	

**Agency Reports, Status of Ongoing Projects, New Project Concepts**

15.35 – 15.50	Atmospheric Chemistry and Climate Model Intercomparison Project (ACCMIP) project	J. Neu/JPL
15.50 – 16.05	AC Portal: Potential to contribute to multi-instrument error/uncertainty quantification activities	S. Falke/Northrop/Grumman
16.05 – 16.20	CSA activities	T. Piekutowski/CSA
16.20 – 16.35	A volcanic ash warning (alert) system based on space measurements	C. Zehner/ESA

**CEOS Carbon Task Force Update**

16.35 – 17.05	Carbon Task Force – atmospheric segment activities	D. Wickland/NASA
---------------	--	------------------