

Atmospheric Composition Constellation Meeting (ACC-11) – Agenda - ESA/ESRIN

April 28	09:00-09:15	Welcome – M. Borgeaud - ESA
	09:15-09:30	Logistics-Scope/Overview of this Meeting - C. Zehner – ESA
	09:30-09:45	Creation of a 5 x 5 Degree Total Column Monthly Mean Ozone Data Set G. Labow - NASA
	09:45-10:00	OMI GODFIT/TOMS total ozone intercomparison results C. Lerot – BIRA/IASB
	10:00-10:15	Plans to combine long term European total ozone data sets with USA data sets - D. Loyola - DLR
	10:15-10:30	Multi Sensor Reanalysis of Total Ozone from satellites for the period 1970- 2012 – R. van der A - KNMI
	10:30-11:00	Coffee Break
	11:00-11:20	Updated validation protocol to include as well nadir ozone profiles JC. Lambert – BIRA/IASB
	11:20-11:40	Assessment of SBUV profile algorithm using high vertical resolution sensors – R. McPeters - NASA
	11:40-12:00	Assessment of the RAL nadir profiling ozone algorithm (GOME2) – G. Miles – RAL
	12:00-12:20	Assessment of the IASI nadir profiling ozone algorithm – C. Clerbaux – LATMOS
	12:20-13:00	Discussion
	13:00-14:00	Lunch Break
	14:00-14:20	OCO-2 Results – D. Crisp – NASA
	14:20-14:40	GOSAT1 results and status of the GOSAT2 mission - M. Nakajima – JAXA
	14:40-15:00	GHG measurements from space (MERLIN, MICROCARB, IASI and IASI NG for CH4 and CO2 obs. in the troposphere) - C. Deniel - CNES
	15:00-15:15	The TansSat Mission status – Y. Liu - CAS
	15:15-15:30	The proposed CarbonSat mission – H. Bovensmann – University Bremen
	15:30-16:00	Coffee Break
	16:00-16:15	The project G3E - A. Butz – KIT
	16:15-16:30	Results of the ESA GHG Climate Change Initiative project C. Zehner - ESA
16:30-16:45	Ongoing NASA/JAXA/NIES co-operation - D. Crisp – NASA	
16:45-17:00	Supporting GHG Management Strategies with Observations and Analysis O. Tarasova - WMO	
17:00-17:30	Discussions on the recommendations of the CEOS Carbon Strategy Report on Atmosphere/Implementation Plan of the GHG-Constellation	
17:30- 18:30	Icebreaker at ESRIN	

April 29	09:00-09:15	Mission Overview GEMS – Ji-Hyung Hong - NIER and J. Kim – Yonsei University
	09:15-09:30	Mission Overview Sentinel-4 – B. Veihelmann – ESA
	09:30-09:45	Mission Overview TEMPO – K. Chance - SAO
	09:45-10:00	GEO-specific retrieval challenges - Chance, Kim, Veihelmann
	10:00-10:15	Mission Overview Sentinel-5 Precursor – T. Fehr - ESA
	10:15-10:30	The role of LEO sounders in the air-quality constellation: CrIS+OMPS - John Worden – NASA
	10:30-10:45	Latest Results on NH ₃ and CO from IASI – C. Clerbaux - LATMOS
	10:45-11:00	Discussion
	11:00-11:30	Coffee Break
	11:30-11:50	Pre-launch plans for GEMS – Michelle Stevens, BATC, M.H. Ahn – Ewha, Womans University and J. Kim - Yonsei University
	11:50-12:10	Pre-launch plans for S4 – B. Ahlers – ESA
	12:10-12:30	Pre-launch plans for TEMPO – K. Chance - SAO
	12:30-12:50	Pre-launch Activities Sentinel-5 Precursor - P. Veefkind - KNMI
	12:50-13:00	Discussion
	13:00-14:00	Lunch Break
	14:00-14:20	Geo-AQ Geophysical Validation Needs – JC. Lambert – BIRA/IASB
	14:20-14:40	DISCOVER-AQ campaign (2011-2014) – Jim Crawford/Ken Pickering NASA
	14:40-15:00	AROMAT campaign (2014) – M. v Roozendaal – BIRA/IASB
	15:00-15:20	KORUS-AQ campaign (2016) – J. Al Saadi – NASA & Ji-Hyung Hong - NIER/ME
	15:20-15:40	Pandonia ground based network – A. Cede – LuftBlick e.U.
	15:40-15:50	ACSO - Absorption cross sections of ozone – J. Tamminen - FMI
	15:50-16:00	Discussion
	16:00-16:30	Coffee Break
	16:30-16:50	GEO AQ Constellation Targets - J. Al Saadi – NASA
	16:50-17:10	Product format and units - P. Veefkind - KNMI
	17:10-17:30	ACSG Activities – T. Fehr - ESA
	17:30-17:50	GSICS UV/VIS: GEO-GEO, GEO-LEO - R. Lang - Eumetsat
17:50-18:00	Discussion	
18:00–21:00	Winetasting/Dinner at Frascati	

April 30	09:00-09:20	Overview of GEO-CAPE OSSE activities supporting the CEOS AQ constellation - David Edwards - NCAR
	09:20-09:40	Status of NASA GMAO atmospheric composition OSSE nature runs – Arlindo da Silva - NASA
	09:40–10:00	ISOTROP project: OSSE studies on the Impact of S4/5 Spaceborne Observations on Air Quality Data Assimilation Systems – H. Eskes – KNMI
	10:00-10:30	Discussion/AIs on the AQ Constellation
	10:30-11:00	Coffee Break
	11:00-12:00	Discussions on total ozone and nadir ozone profile intercomparison and generation of combined data sets/AIs
	12:00 -13:00	Discussion on an ACC GHG Constellation Implementation Plan
	13:00-13:20	AOB/next meeting