

AC-VC-13, Paris

Day 1, 28 June 2017

Presentation	Speaker/Chair	Time (start)	Duration [min]
AC-VC-13 Greenhouse Gas Session	Dave Crisp, NASA	9h	5
GHG Session 1: Mission status updates			
GOSAT, GOSAT-2, OCO-2, OCO-3, GeoCARB, MicroCarb, MERLIN, Sentinel-7, GaoFen-5/GMI, TanSat, ESA-EC, quasi-geostationary (all TBC)	Speakers TBC	9h05	85
Coffee break		10h30	30
GOSAT, GOSAT-2, OCO-2, OCO-3, GeoCARB, MicroCarb, MERLIN, Sentinel-7, GaoFen-5/GMI, TanSat, ESA-EC, quasi-geostationary (all TBC)	Speakers TBC	11h	90
Lunch		12h30	90
GHG Session 2: GHG Constellation White Paper			
Status and development of the white paper	Dave Crisp, NASA	14h	90
Coffee break		15h30	30
Status and development of the white paper (cont.)	Dave Crisp, NASA	16h	90
Possible poster viewing (TBC)			
GHG Round-up Discussion	all	17h30	10

We are also planning for a poster session for contributed topics.

## AC-VC-13, Paris

Day 2, 29 June 2017

Presentation	Speaker	Time (start)	Duration [min]
AC-VC-13 AQ session: Intro	Ben & Jay	9h	5
AQ Session 1: Mission status updates and product validation plans			
GEMS	Sang-Kyoon Kim, NIER/ Jeongsu Kim, NIER/ Jhoon Kim, Yonsei University	9h05	15
Sentinel-4	Ben Veihelmann, ESA		15
TEMPO	Kelly Chance, SAO		15
Sentinel-5 Precursor	Pepijn Veefkind, KNMI		15
GaoFen-5 EMI	Liangfu Chen, CAS		15
Thermal IR	Cathy Clerbaux, LATMOS/IPSL		15
Coffee break		10h35	25
AQ Session 2: Initial constellation validation activities			
Status and future plans of the Fiducial Reference Measurements project (incl Pandonia, CINDI-2)	Michel Van Roozendael, BIRA	11h	20
US network plans	Luke Valin, EPA / Barry Lefer, NASA		20
Asia network plans	Sang-Woo Kim, SNU		20
KORUS-AQ campaign results as a validation prototype	Limseok Chang, NIER & Jay Al-Saadi, NASA / Luke Valin, EPA		20
Constellation validation needs and Inter-mission bias targets	All, discussion led by Ben		30
Trace Gas Round-up Discussion	all	12h50	10
Lunch		13h	90
Aerosol: a new topic in AC-VC	Ben Veihelmann, ESA	14h30	10
AQ Session 3: Satellite aerosol for AQ			
GEO-based aerosol sensing and the potential of combining TEMPO and ABI	Omar Torres, NASA	14h40	20
Joint retrieval of aerosol and surface reflectance from SEVIRI	Yves Govaerts, Rayference		20
Monitoring particulate pollution using GOCI COMS	Jhoon Kim, Yonsei University		20
Multiangle imaging spectroradiometry	Dave Diner, NASA JPL		20
Coffee break		1600	30
Polarimetric multiview imager (POLDER/3MI/DPC)	Oleg Dubovik, LOA	1630	20
Polar Multi-sensor Aerosol optical properties product	Ruediger Lang, EUMETSAT		20
Infusing aerosol information from satellite observations into air quality applications	Amy Huff, Penn State University		20
Assimilation of satellite data for air quality monitoring and forecasting	Angela Benedetti, ECMWF		20
Aerosol Round-up Discussion	all	17h50	10

We are also planning for a poster session for contributed topics.

## AC-VC-13, Paris

Day 3, 30 June 2017

Presentation	Speaker	Time (start)	Duration [min]
AC-VC-13 Ozone trends session	Gordon	9h	
Total Ozone			
An update on CEOS goals, new versions of TOMS & OMI data, ISS SAGE III update	Gordon Labow, NASA	9h	20
Ozone Profiles			
An update on the LOTUS Project	Sophie Godin-Beekman, LATMOS	9h20	20
Long-term ozone trends in the stratosphere as observed by limb and occultation instruments	Viktorija Sofieva, FMI		20
Tropospheric Ozone			
An update of the TOAR activities	Brice Barrett, CNRS	10h	20
Retrieving Tropospheric Ozone with IASI	Cathy Clerbaux, LATMOS/IPSL		20
Tropospheric ozone from OMI and plans for Sentinel 4	Richard Siddans, RAL		20
Coffee break		11h	30
Contributed Talks and Other Business		11h30	
Potential synergies of air quality and carbon constellation	Kevin Bowman, NASA JPL	11h30	15
Update on GEOS5-NR Chem and Radiance simulations for the GEO Constellation	Arlindo DaSilva, NASA		15
Update on mini-satellite for air quality observation with 1x1 horizontal resolution and NICT project for air pollution	Yasko Kasai, NICT		15
17 years of MOPITT carbon monoxide data: results and prospects for future satellite CO observations	Helen Worden, NCAR		15
AC-VC-13 any other business, wrap-up, and closing	All	12h30	
Plans for next meeting		12h30	15
Any other business and wrap-up			15
Adjourn		13h	