SPARC/IOC/WMO-IGACO workshop on
Past Changes in the Vertical Distribution of Ozone
Geneva, January 25-27 2011

Tuesday 25 January

GENERAL ***Chair: Geir Braathen***

0900	Registration and poster set-up	
0930	Welcome Geir Braathen	
0940	The SPARC/IOC/GAW Initiative	Neil Harris
1010	Issues from the WMO 2010 Assessment	Chris McLinden
1030	Ozone trends and variability in the tropical lower stratosphere.	Bill Randel
1050	COFFEE	

SATELLITE ***Chairs: Claus Zehner and Larry Flynn***

1110	Progress in the NASA GOZCARDS project	Lucien Froidevaux
1130	Plans for the ESA Ozone-cci project	M. van Roozendael
1150	The SAGE record	Joe Zawodny
1210	LUNCH	
1320	The SBUV Ozone record- the Good, the Bad, and the Ugly	P.K. Bhartia
1340	Envisat/GOMOS stellar occultation and ODIN/OSIRIS limb scatter.	Johanna Tamminen
1400	Merging total ozone data from different uv-vis satellite sensors	M. Coldewey-Egbers
1420	SCIAMACHY limb scatter ozone pofiles since 2002	Christian von Savigny
1440	The Odin/OSIRIS time series from 2001 to now	Doug Degenstein
1500	Combining height resolved ozone time-series from satellite instruments	Jo Urban
1520	TEA	
1550	Ozone profiles measured by the Atmospheric Chemistry Experiment	Tom McElroy
1610	The MIPAS ozone record since 2002	Th. von Clarmann
1630	Discussion on using satellite measurements to provide a long-term record and for validation	

GROUND ***Chair: Mike Kurylo***

1730	Umkehr data: comparisons with sondes, microwave and satellite	Irina Petropavlovskikh
1750	NDACC microwave O_3 measurements at Mauna Loa since 1995	Alan Parrish
1805	Time series and quality assessment of O_3 data from ground-based FTIR	Sabine Barthlott
1820	What are ozone lidars telling us about satellite data?	S. Godin-Beekman
1835	Stratospheric ozone interannual variability measured by lidar at MLO	Stuart McDermid
1850	Close	
1900	Drinks reception	

Wednesday 26 January

GROUND, cont. ***Chair: Wolfgang Steinbrecht***

0830	Overview of the performance of ozone sondes and their uncertainties	Herman Smit
0850	NOAA ozonesonde records (South Pole, Hilo, Boulder, and Samoa)	Sam Oltmans
0910	Ozonesonde data from high-latitude stations	Rigel Kivi
0925	Canadian ozonesonde network	David Tarasick
0940	Analysis of the long-term ozone measurements of MeteoSwiss	R. Stübi / E. Maillard
0955	COFFEE	
1025	Long term observations with sondes	Andy Delcloo
1040	Ozonesondes, MLS, and their comparison *by Jennifer Logan*	J. Staehelin
1055	MOZAIC-IAGOS and its role in satellite validation	Valerie Thouret
1110	Discussion on using ground-based measurements as long -term records and for validation	
1215	LUNCH	

Wednesday 26 January cont.

DATASETS ***Chair: Bill Randel***

1330	Long-term stratospheric ozone and temperature changes	Klairie Tourpali
1350	Database to determine changes in vertically resolved stratospheric O_3	Birgit Hassler
1410	Retrospective analysis of ozone at ECMWF	Rossana Dragani
1430	Thirty year record of assimilated ozone	Roland van der A
1450	Homogenizing existing vertically resolved ozone measurements	Ray Wang
1510	The experience gained from merging TOMS and SBUV records	Richard Stolarski
1530	NOAA CPC work on merging SBUV/2	Craig Long
1550	TEA	
1620	Discussion on strategies on producing internally consistent, long-term datasets	

PLANNING

1700 Break-out groups
1830 Close

Thursday 27 January (details to be fixed during workshop)

0830 Plenary: reports of break-out groups and discussion of plans
1015 COFFEE
1045 Break-out groups
1215 LUNCH
1330 Plenary: discussion and agreement of an action plan
1500 Close

Posters

1. Larry Flynn: OMPS
2. Larry Flynn: other satellite issues
3. Wolfgang Steinbrecht: Update of NDACC Lidar measurements
4. Alan Parrish / Ian Boyd (tbc) Diurnal variation seen in microwave measurements at MLO
5. Peter Braesicke, Luke Abraham, Alex Archibald, Neil Harris, Paul Telford, and John Pyle: SHADOZ as a benchmark for chemistry-climate models: some thoughts
6. McPeters: SBUV retrievals using the BDM cross sections
7. Hubert, Vandenbussche, and Lambert "Long-term stability and multi-mission consistency of ten satellite ozone profilers"
8. Herman G.J. Smit (1), & ASOPOS-team, World Calibration Centre of Ozone Sondes & JOSIE-Activities: Standardization of Operating Procedures (ASOPOS) & Need for Homogenization of Ozone Sonde Data