

***SAG-Ozone meeting 2009: Preliminary Agenda (1. July (13.30) - 3. July (17.00) 2009, FMI, Helsinki (version 3. June)***

***Wednesday (July 1, 13.30-17.00)***

1. Opening and welcome
2. IGACO-O3/UV
  - Ozone absorption cross sections: Most of you know, that a joint expert team of the International Ozone Commission of IAMAS and WMO-GAW/IGACO-O3/UV started to explore the possibility to replace the presently used ozone absorption coefficients of Bass and Paur (BP) by other coefficients since the BP have obviously deficits to process satellite measurements such as TMOS. This expert team (Chair person: Johannes Orphal) started to review the available laboratory measurements of ozone absorption cross sections in the Huggins band including their temperature dependence (meeting which took place in Geneva 11.-13 May). The team also has to explore the effects of such a change for ground-based measurements such as Dobson and Brewer instruments. The outcome of this meeting will be discussed including possible effects on Dobson and Brewer total ozone and Umkehr measurements.
  - Review of other activities of IGACO-O3/UV: The implementation plan of ICACO-O3/UV is now available (G. Braathen, A. Mälkki, J. Tamminen, J. Staehelin, and A. Webb: IGACO-Ozone and UV radiation Implementation Plan, GAW Report. 182, WMO, Geneva, 2009). We will review the activities of clusters A, B and D in order to update their present status.
  - Planned ozone satellite missions: Gaps concerning profile ozone data  
Geir Braathen: Results of a workshop of Oct. 15-17, 2008 at Goddard Institute for Space Studies  
Johanna Tamminen: 2 pages summary of ICAGO-O3/UV for CGMS (Coordination Group for Meteorological Satellites): task and procedure
  - Planning IGACO-O3/UV of the coming year

***Thursday, July 2.***

IGACO-O3/UV cont., if required

3. Total ozone: Brewer:
  - SOPs for intercomparisons of Brewer station instruments with Brewer standard instruments (Alberto Redondas and Tom McElroy)
  - General Brewer SOPs (Tom McElroy)
  - Brewer letter
  - Results of intercomparisons (Alberto Redondas, Rene Sübi and others)
4. Total ozone: Dobson
  - Results of intercomparisons (Ulf Köhler and others)

5. Information of the workshop of comparison between satellite and DOAS/SAOZ instruments (taking place prior to the SAG-ozone meeting in Helsinki)
6. Workshop for reevaluation of Dobson and Brewer total ozone measurements: Status of planning (Karel Vanicek)
7. Capacity building
  - Use of obsolete Dobson instruments (Bob Evans, Karel Vanicek, Ulf Köhler, Geir Braathen) (I would recommend that the involved persons could communicate about this task in advance, because not all SAG-ozone persons can contribute to this item)

***Friday, July 3.***

8. Ozone sondes (Herman Smit, Rene Stübi)
  - Report of workshop at Jülich (Germany) which will take place on 2.-4. Febr. 2009
  - Change of Japanese ozone sondes to ECC (Takashi Koide)
  - Activities of coming year (Herman Smit)
9. Umkehr profile measurements
  - Operational Brewer algorithm
10. Data centers
  - WOUDC: (1) Data Quality Indicators and other activities (Ed Hare)  
(2) Should we collect in future original readings for Dobson measurements ?
  - Remote Satellite Data center (WDC-RSAT) of DLR: Clarifications of activities within SAG-ozone (Frank Baier)
11. Information on the GAW 2009 meeting which will take place in the week 4.-8. May 2009 in Geneva (Geir Braathen, Johannes Staehelin, and others)
12. Next WMO/UNEP Ozone Assessment (Vitali Fioletov)
13. Varia
14. Recommendations of the SAG-ozone meeting
15. Next SAG-ozone meeting

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Johannes Staehelin