Appendix B. Program

Wednesday 5 March 2008

General Session ***Chair: Hennie Kelder (KNMI)***

9.00-9.10	Frits Brouwer (KNMI)
9.10-9.20	Ger Nieuwpoort (NIVR)
9.20-9.30	Reinout Woittiez (RIVM)
9.30-10.00	Pieternel Levelt (KNMI) "*TROPOMI : Sensing the troposphere from space"*

Scientific Session ***Chair: Hennie Kelder (KNMI)***

10.00-10.20	Pawan K. Bhartia (NASA-GSFC) "*NASA's experience in using the Aura OMI data for studies of atmospheric composition"*
	Chair: Pawan K. Bhartia (NASA-GSFC)
11.00-11.20	Johanna Tamminen (FMI) "*FMI participation in OMI and plans for TROPOMI"*
11.20-11.40	Folkert Boersma (KNMI) "*Observing NO_x air pollution from space at multiple scales"*
11.40-12.00	Martine De Mazière (BIRA) "*Exploitation of GOME, SCIAMACHY and OMI data for monitoring atmospheric composition and transport, at the Belgian Institute for Space Aeronomy"*
13.20-13.40	Randall Martin (Dalhousie University) "*Interpretation of Satellite Observations of Tropospheric NO_2: Implications for TROPOMI"*
13.40-14.00	John Remedios (Leicester University) "*Regional Air Quality and Climate from Space – A reality?"*
14.00-14.20	Didier Tanré (LOA) "*Aerosol remote sensing from the PARASOL mission and the A-train"*
14.20-14.40	Discussion: User needs for TROPOMI

Commercial Session ***Chair: Harry Forster (NIVR)***

15.20-15.40	Willem Posthouwer (Friesland Foods Kievit) *"Kievit and the importance of clean air"*
15.40-16.00	Han Wensink (ARGOSS) "*A service Infrastructure for Local Air Quality Services"*
16.00-16.20	Iarla Kilbane-Dawe (AEA Energy & Environment) "*UK applications of remote sensing data for policy and operational applications"*
16.20-16.40	Discussion: User needs for TROPOMI

Thursday 6 March 2008

Operational Session ***Chair: Rose Munro (EUMETSAT)***

9.00-9.10	Hennie Kelder (University of Technology Eindhoven) "*An Integrated global Atmospheric Chemistry Observations strategy"*
9.10-9.20	Pieternel Levelt (on behalf of Ernest Hilsenrath, NASA HQ) "*Atmospheric Composition Constellation"*
9.20-9.40	Daan Swart (RIVM) "*GMES and SmogProg: towards integrated environmental monitoring of the atmosphere"*

9.40-10.00	Rossana Dragani (ECMWF) "*Assimilation of atmospheric composition at ECMWF"*
10.00-10.20	Henk Eskes (KNMI) "*Air Quality Forecasting in Europe"*

Chair: Daan Swart (RIVM)

11.00- 11.20	Dominik Brunner (EMPA) "*Satellite based versus traditional air pollution monitoring: Requirements, limitations, and chances"*
11.20-11.40	Shobha Kondragunta (NOAA-NESDIS) "*Current and Future Applications of Satellite-derived Air Quality Products"*
11.40-12.00	Rose Munro (EUMETSAT) "*GOME-2 on Metop"*
13.20-13.40	Rob Pinder (EPA) "*Use of space-based tropospheric NO_2 observations in regional air quality modeling"*
13.40-14.00	Robert Koelemeijer (MNP) "*Atmospheric composition from space: its role in environmental assessment"*
14.00-14.20	Discussion: User needs for TROPOMI

Scientific Session #2 ***Chair: Pieternel Levelt (KNMI)***

15.00-15.20	Ilse Aben (SRON) "*Methane source estimation using space-borne observations"*
15.20-15.40	Thomas Wagner (MPCH) "*Tropospheric data (trace gases, aerosols, clouds) analysed in the satellite group Mainz-Heidelberg from GOME, SCIAMACHY and GOME-2: Critical summary and recommendations for TROPOMI"*
15.40-16.00	Maarten Krol (U. Wageningen) "*Applications of space-borne Carbon-monoxide measurements in Atmospheric Chemistry and Air Quality"*
16.00-16.20	Discussion / Wrap-up

Posters

P-001	DutchSpace, KNMI, SRON, TNO, and NIVR *"TROPOMI: The Best of Both Worlds"*
P-002	DutchSpace, KNMI, SRON, TNO, and NIVR *"TROPOMI Technology"*
P-003	DutchSpace, KNMI, SRON, TNO, and NIVR *"TROPOMI Data Products"*
P-004	Annmarie Eldering (JPL) "*Quantifying the Science Impact of Instrument and Mission Designs: the Ozone Case"*
P-005	Nathaniel Livesey (JPL) "*The Scanning Microwave Limb Sounder (SMLS)"*
P-006	Robert Chatfield (NASA/ARC) "*Robust Remote Sensing of Smog Ozone and Its Production using TIMS 3-micron Full-Column Sensing"*
P-007	Robert Chatfield (NASA/ARC) "*Lower Tropospheric Ozone Signals Contribute Significantly (if Oddly) to OMI Tropospheric Column Estimates"*
P-008	Martijn Schaap (TNO) "*An Observing System Simulation Experiment (OSSE) for aerosols'*
P-009	Martijn Schaap (TNO) "*On the relation between AOD and PM2.5 at Cabauw, the Netherlands"*