

Thursday, 2 July

PLENARY SESSION

chair: Peter Builtjes

8:30 AEROSOLS, Frank Raes  
9:15 HFCS: SCENARIOS OF GLOBAL CONSUMPTION AND THEIR POLICY IMPLICATIONS, Guus Velders  
10:00 plenary Q&A session  
10:30 BREAK

PARALLEL SESSIONS

THEME I

session 1.3 Verification of emissions  
chair: Guus Velders

10:50 GROWTH OF HFC-125 (CHF2CF3) IN THE ATMOSPHERE DETERMINED FROM IN-SITU OBSERVATION AT AGAGE AND SOGE OBSERVATORIES. S. O'Doherty, D.M. Cunnold, B.R. Miller, J. Mühle, A. McCulloch, P.G. Simmonds, A.J. Manning, S. Reimann, M.K. Vollmer, B.R. Grealley, R.G. Prinn, P.J. Fraser, L.W. Porter, C.R. Lunder, N. Schmidbauer, O. Hermansen, P.K. Salameh, C.M. Harth, P.B. Krummel, R.H.J. Wang, L.P. Steele, R.F. Weiss

11:20 ATMOSPHERIC CONCENTRATIONS OF SF5CF3 OVER CENTRAL EUROPE DURING THE PERIOD 2001-2008 J. Bartyzel, J. Rosiek, K. Rozanski, W.T. Sturges

11:40 EUROPEAN EMISSIONS OF FLUORINATED GREENHOUSE GASES DERIVED FROM QUASI-CONTINUOUS ATMOSPHERIC OBSERVATIONS AT JUNGFRAUJOCH, SWITZERLAND M.K. Vollmer, M. Steinbacher, S. Henne, D. Brunner, S. Reimann

12:00 GLOBAL AND REGIONAL EMISSION ESTIMATIONS USING HALOCARBON MEASUREMENTS AT BACKGROUND SITES Stefan Reimann, Dominik Brunner, Stephan Henne, Martin K. Vollmer, Steve Montzka, Simon O' Doherty, Peter G. Simmonds

12:20 H2 ISOTOPOLOGUES ALONG A MERIDIONAL ATLANTIC TRANSECT Sylvia Walter, Thomas Röckmann

13:00 LUNCH AND POSTERSESSION II

16:40 BREAK  
17:00 workshop 4  
chair:

THEME II

session 2.2 Special methane session on recent changes (ctd)  
chair: Thomas Röckmann

10:50 A NEW EMISSION ESTIMATION APPROACH BASED ON LAGRANGIAN PARTICLE DISPERSION MODELLING AND KALMAN-FILTER BASED INVERSION D. Brunner, S. Henne, M. Vollmer, and S. Reimann

11:10 METHANE MICROSEEPAGE IN DRYLANDS: SOIL IS NOT ALWAYS A CH4 SINK Giuseppe Etiope

11:40 THE NEWLY DISCOVERED AEROBIC METHANE RELEASE FROM TERRESTRIAL VEGETATION: CAUSES AND CONSEQUENCES D. Bruhn, T.N. Mikkelsen, J. Øbro, W.G.T. Willats, P. Ambus

12:00 ASSESSING CAUSES OF THE ATMOSPHERIC METHANE SLOWDOWN FROM ITS MIXING AND ISOTOPIC RATIOS Fuu-Ming Kai, Stanley C. Tyler, James T. Randerson, Donald R. Blake

session 2.3 Atmospheric processes  
chair: Laurens Ganzeveld

12:20 ~~THE LONGEST FIRN AIR RECORD OF PERFLUOROCARBONS, HFC-23, SF6 AND SF5CF3 FROM THE ICE DROWNING MAJLAND, ANTARCTICA F.S. Mani, W.T. Sturges, J. Schawander, K. Weiler, P. Martinerie, J.M. Barnola~~

session 2.3 Atmospheric processes (ctd)  
chair: Laurens Ganzeveld

14:00 THE INDIRECT CLIMATE FORCING OF OZONE. W.J. Collins, S. Sitch  
14:30 SURFACE OZONE TRENDS AND RADIATIVE FORCING IMPLICATIONS Martin G. Schultz, Andreas Volz-Thomas, David Parrish, Isabelle Bey

15:00 ON THE RELEVANCE OF SURFACE AND BOUNDARY LAYER PROCESSES FOR THE EXCHANGES OF REACTIVE- AND GREENHOUSE GASES Laurens Ganzeveld, Jordi Vilà-Guerau de Arellano, Cor Jacobs et al.  
15:20 GLOBAL WARMING POTENTIAL AND GLOBAL TEMPERATURE POTENTIAL FOR THE NON CO2 GREENHOUSE GASES (NCGG) I.L. Karol, A.A. Kiselev, V.A. Frolkis

15:40 ON THE RELEVANCE OF GLOBAL OCEANIC OZONE DEPOSITION: THE ROLE OF BIOGEOCHEMICAL- VERSUS PHYSICAL PROCESSES A.T. Campos dos Santos, L. Ganzeveld

16:00 THE SPECTRUM OF GREENHOUSE GASES IN THE SOUTH ASIAN SUMMER MONSOONAL PLUME AS MEASURED BY THE CARIBIC AIRCRAFT, C.A.M. Brenninkmeijer, T.S. Rhee, T. Schuck, A.Zahn, F. Slemr, D. Oram and P.van Velthoven

16:20 REGIONAL CLIMATE MODELING OF AIRCRAFT INDUCED CLOUDINESS Andrew Ferrone, Philippe Marbaix, Ben Matthews, Jean-Pascal van Ypersele

17:00 workshop 5  
chair:

THEME III

session 3.2 Government 3.1 (ctd)  
chair: Michael Rumberg

10:50 WASTE SECTOR 'S CONTRIBUTION TO REDUCING GHG EMISSIONS Marlene Sieck

11:10 THREE-LEVEL POLICY, INTERVENTION AND CORPORATE COMMITMENT SHOWS PROMISE Erik ter Avest

11:30 USING THE TOOL KIT EFFECTIVELY Erik ter Avest, Cees Egmond

11:50 USING BLACK CARBON METRICS IN CLIMATE POLICY Marcus C. Sarofim

12:10 HOW THE ECONOMIC CRISIS AND CARBON CREDIT REVENUES COULD RESHAPE ADIPIIC ACID AND HCFC-22 MARKETS Axel Michaelowa, Jørund Buen

12:30 AN ANALYSIS OF REDUCTION OPPORTUNITIES FOR CONSUMPTION OF HFCS AND IMPLICATIONS FOR US CLIMATE POLICY David S. Godwin, D.S.

12:50 FROM OPEN PROGRAMME TO CONCRETE MARKET ASSIGNMENTS: INCREASED AMOUNT OF KNOWLEDGE ENABLES TARGETED SPENDING OF GOVERNMENT FUNDING, Arja Even

session 3.3 Public private partnership  
chair: Erik ter Avest

14:00 A GOOD PPP WORKS Erik ter Avest  
14:20 FLUORINATED GAS EMISSION REDUCTIONS – A DECADE OF PROGRESS THROUGH VOLUNTARY PARTNERSHIPS WITH INDUSTRY Sally Rand  
14:40 PROGRESS IN PFC EMISSION REDUCTIONS FROM THE ALUMINUM SECTOR IN CHINA THROUGH THE ASIA PACIFIC PARTNERSHIP FOR CLEAN DEVELOPMENT AND CLIMATE Sally Rand  
15:00 INVENTING THE REDUCTION WHEEL TOGETHER A. Even

session 3.4 Agriculture  
chair: Cecile de Klein

15:20 MODELING MARGINAL ABATEMENT COST CURVES FOR AGRICULTURAL GHG EMISSIONS WHEN PRODUCERS ADOPT MULTIPLE MITIGATION OPTIONS Steven Rose, Robert Beach, Changsheng Li, William Salas, Adam Daigneault  
15:50 GLOBAL METHANE AND NITROUS OXIDE EMISSIONS AND REDUCTION POTENTIALS IN AGRICULTURE Tomoko HASEGAWA and Yuzuru MATSUOKA

16:10 CLIMATE YARDSTICK: RESULTS AND PRACTICAL EXPERIENCES WITH AN INTERNET BASED INSTRUMENT TO CALCULATE AND REDUCE GREENHOUSE GASES ON FARM E.V. Elferink

17:00 workshop 6  
chair: