
Timetable

Monday 5 September

- 09.00-09.30 Registration
09.30-09.40 Philippe Bougeault (ECMWF) Welcome

Session 1. Overview

- 09.40-10.40 Øystein Hov (Met.Norway) Predicting atmospheric chemical composition
10.40-11.10 *Coffee*
11.10-11.50 Tony Hollingsworth (ECMWF)..... The GEMS project
11.50-12.30 Leonard Barrie (WMO) An integrated global atmospheric chemistry
observations strategy and WMOs leading role:
GAW & IGACO
12.30-14.00 *Lunch*
14.00-15.00 Michael McIntyre (Univ. Cambridge) The dynamics that is significant for chemistry
15.10-15.45 *Tea*
15.45-16.45 Guy Brasseur (MPI Meteor) Scientific challenges in atmospheric chemical
modelling
17.00 *Cocktail party*

Tuesday 6 September

- 09.10-10.10 Vicky Pope (Met Office) The role of science in the Kyoto protocol
10.20-10.50 *Coffee*

Session 2: Modelling & Monitoring Greenhouse Gases

- 10.50-11.50 Christoph Gerbig (MPI Chem) The use of airborne and groundbased atmospheric
observations in carbon cycle research
12.00-13.00 Richard Engelen (ECMWF) Satellite observations of greenhouse gases
13.10-14.20 *Lunch*
14.20-15.20 Peter Rayner (CNRS/ LSCE)..... Inverse estimation of surface exchanges of
greenhouse gases
15.30-16.00 *Tea*
16.00-17.00 Jean-Christophe Calvet (Météo-France). Modelling of the Carbon Cycle in the GEOLAND
project

Timetable

Wednesday 7 September

Session 3: Modelling and Monitoring Reactive Gases

- 09.10-10.10 Henk Eskes (KNMI) Scientific challenges in chemical data assimilation
- 10.20-10.50 *Coffee*
- 10.50-11.50 Dominique Fonteyn (BIRA) Chemical data assimilation at BIRA
- 12.00-13.00 Claire Granier (Service d'Aeronomie).... Estimation of surface emissions and biomass burning
- 13.10-14.20 *Lunch*

Session 4: Modelling and Monitoring Aerosols

- 14.20-15.20 Olivier Boucher (Met Office) Aerosol monitoring and modelling
- 15.30-16.00 *Tea*
- 16.00-17.00 Jim Haywood (Met Office)..... Observational understanding of aerosols and climate

Thursday 8 September

- 09.10-10.15 Michael Rast (ESA) Overview of aerosol, land-surface and ocean information from high spectral resolution imagers
- 10.25-11.00 *Coffee*
- 11.00-12.15 Jean-Jacques Morcrette (ECMWF) Aerosol modelling and assimilation for weather forecasting
- 12.15-14.15 *Lunch*

Session 5: Regional Air Quality Forecasting and Related Health issues

- 14.15-15.30 Vincent-Henry Peuch (Meteo-France).... Regional air quality forecasting
- 15.30-16.00 *Tea*
- 16.00-17.15 Hendrik Elbern (U.Köln) Chemical data assimilation for air quality forecasting
- 19.30 *Seminar Dinner*

Friday 9 September

- 09.15-10.15 Richard.Ménard (CMC)..... Met Service Canada's atmospheric chemistry/forecast system
- 10.25-10.45 *Coffee*
- 10.45-11.15 Henning Staiger (DWD) Scientific challenges of UV-B Forecasting

Timetable

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| 11.20-12.20 | Bettina Menne (WHO)..... | Health impacts of extreme weather and climate events |
| 12.30 | <i>Close</i> | |