

**Monday January 26, 2009**

- 10:30 Registration opens  
11:00 GEOmon **Executive Board meeting** [room 6L]  
  
12:00 Possibility to lunch in WMO restaurant [top floor]

**Plenary [room A] Introduction**

- 13:00 Welcome address on behalf of WMO [*Len Barrie, Director, Research Department*]  
13:10 Meeting layout and objectives [*Philippe Ciais, CEA/LSCE*]

**Plenary [room A] Progress report from activities and introduction to data centre**

- 13:15 Activity 0 Coordination [*Christiane Textor, CEA/LSCE*]  
13:20 Activity 1 Greenhouse gases CO<sub>2</sub> and CH<sub>4</sub> and Global Warming  
    [*Euan Nisbet, RHUL*]  
13:35 Activity 2 Reactive Gases, Pollutants and Climate [*Brigitte Buchmann, Empa*]  
13:50 Activity 3 Atmospheric Aerosols and Climate [*Gerrit de Leeuw, FMI*]  
14:05 Activity 4 Stratospheric ozone and climate [*Martine de Maziere, BIRA*]  
14:20 Activity 5 Integration & modelling studies [*Michael Schulz, CEA/LSCE*]  
14:35 Activity 6 Outreach [*Sophie Godin– Beekmann CNRS/SA*]  
14:50 Activity 6 System architecture and Data Management  
    [*Kjetil Tørseth, Aasmund Vik, NILU, and Joerg Klausen, Empa*]  
15:05 Hands– on demonstration of the GEOmon data centre  
    [*Kjetil Tørseth, Aasmund Vik, NILU*]

- 15:30 **Coffee Break** [in front of room A]

**16:00 Parallel breakout sessions for all activities**

[rooms: act1 in C1, act2 in C2, act 3 in C3, act4 in 6J, act5 in 6L, act6 in 7L]  
Review and progress of the second GEOmon year

- 17:30 Close for the day**

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- 17:30 – 18:30 Advisory Board & Executive Board meeting [room 6L]  
19:30 Dinner in town for Advisory Board and Executive Board at Chez Jacky, 9-11  
rue Necker, 1201 Geneva

**Tuesday January 27, 2009**

9:00 – 10:30 **Parallel breakout sessions for all activities** [same rooms]  
Organisation of the work– plan for the next 18 months

10:30 – 11:00 **Coffee Break** [in front of room A]

**Plenary** [room A]

11:00 – 11:45 Recent achievements from the EUSAAR infrastructure project  
[*Paolo Laj, CNRS– LaMP / UBPI*]

11:45 – 12:00 GEOmon Gender Committee [*Kerstin Stebel, NILU*]

12:00 – 13:00 **Lunch at WMO restaurant** [top floor]

**Plenary** [room A]

13:00 – 13:30 Plans and visions of data harmonization efforts in GEOmon and beyond  
followed by plenary discussion  
[*Jörg Klausen, Aasmund Vik, Christiane Textor, Data Management*

*Committee*]

13:30 – 14:45 Reports from parallel sessions on the priorities for the next 18 months  
(ca 7 minutes each + 3 min discussions/questions)  
[*activity leaders or reporters*]

**15:00 – 16:30 Poster session with coffee** [in front of room A]

**Plenary** [room A]

16:45 – 17:00 Trends in European trace gases: background and peak values  
[*Zoe Fleming, Department of Chemistry, University of Leicester*]

17:00 – 17:15 Long Term Trends in Stratospheric NO<sub>y</sub> and Halogen Species  
[*Martyn Chipperfield, ULEEDS*]

17:15 – 17:30 Depletion of ozone and enhancements of water vapour during the major  
sudden stratospheric warming event in February 08  
[*Niklaus Kämpfer, University of Bern*]

17:30 – 17:45 What is the horizontal resolution of a limb sounder?  
[*Thomas von Clarmann, Forschungszentrum Karlsruhe und Universität  
Karlsruhe*]

17:45 Open meeting on gender issues [*Kerstin Stebel, NILU*]

18:30 Close for the day

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19:30 Conference dinner, Restaurant Vieux-Bois, Avenue de la Paix 12, 1202  
Geneva

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**Wednesday January 28, 2009**

**Plenary** [room A]

9:00 – 10:00 GEOmon Contractors' Committee meeting

**Wednesday January 28, 2009** [all in room A]

- 9:00 Registration opens for IMECC partners  
(Contractors' Committee meeting for GEOmon partners in room A)
- 10:00 – 10:20 Welcome address  
European chemical weather and climate from integrating observations  
*[Philippe Ciais and Peter Rayner, CEA/LSCE]*
- 10:20 – 10:35 Ground-based remote sensing of greenhouse gases  
*[Thorsten Warnecke, U-Bremen]*
- 10:35 – 10:50 Assessment of parameters reflecting site representativeness  
*[Stephan Henne, Empa]*
- 10:50 – 11:10 **Coffee Break** [in front of room A]
- 11:10 – 11:40 GMES/Kopernikus Atmospheric Service  
*[Philippe Waldteufel, Service d'Aeronomie]*
- 11:40 – 11:55 Arctic methane – will the warming feed the warming?  
*[Rebecca Fisher, Department of Earth Sciences, Royal Holloway University of London]*
- 12:00 – 13:00 **Lunch at WMO restaurant** [top floor]
- 13:00 – 13:40 A perspective on the global carbon cycle from trends in atmospheric CO<sub>2</sub> and O<sub>2</sub>  
*[Ralph Keeling, Scripps Institution of Oceanography]*
- 13:40 – 14:20 Climate change and the economy  
*[Renaud Crassous, Centre International de Recherche sur l'Environnement et le Developpement ]*
- 14:20 – 14:35 Overview of WMO activities of relevance to GEOmon and IMECC  
*[Len Barrie, Director, Research Department, WMO]*
- 14:35 – 14:50 Overview of WMO's Global Atmosphere Watch (GAW) programme  
*[Liisa Jalkanen, Chief, Atmospheric Environment Research Division, Research Department, WMO]*
- 14:50 – 15:05 On the use of the NRT CO<sub>2</sub> data  
*[Michel Ramonet, CEA/LSCE]*
- 15:05 Group photo [on staircase in WMO entrance hall]
- 15:15 – 16:30 **Poster session with cocktails** [in front of room A]
- 16:30 – 16:45 On the use of air quality monitoring networks for the evaluation of nitrogen oxide emission inventories  
*[Igor Kononov, LISA/CNRS]*
- 16:45 – 17:00 Quantitative design of observational networks for the global carbon cycle  
*[Thomas Kaminski, Fastopt]*
- 17:00 – 17:30 Discussion about cross cutting issues of GEOmon and IMECC
- 17:30 **Close for the day**
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