

**CONVENTION ON LONG-RANGE  
TRANSBOUNDARY AIR POLLUTION****15<sup>th</sup> Task Force on Measurement and Modelling Meeting :****Bologna (Italy), 8-10 April 2014****Agenda****Tuesday, 8<sup>th</sup> April 2013 (14:00-18:00):**

- **14:00- 14:15** : Welcome and Introduction by **Laurence Rouïl**, chair of the TFMM
- **14:15- 14:45** : News from the Convention by **Sonja Vidic**, the chair of the EMEP
- **14:45-15:00** : Discussions of the TFMM priorities according to the 2014-2015 work plan

**Modelling activities** : progress of EMEP models development, EURODELTA3 and other modelling perspectives

- **15:00–15:20**: Testing the effect of vertical resolution on EMEP/MSC-W model results, **Svetlana Tsyro** (MSC-W)
- **15:20-15:40**: progress in the development of the GLEMOS modeling system for HM and POPs, **Alexey Gusev** (MSC-East)

**Coffee break: 15:40 – 16:00**

- **16:00- 16:30** : EURODELTA 3 project : progress report and future work; **Bertrand Bessagnet** (INERIS)
- **16:30-16:45**: Deposition modeling within the EURODELTA3 project, **Marta Garcia Vivanco**, (CIEMAT)
- **16:45-17:00**: Discussion on modelling perspectives and priorities according to the EMEP work plan
- **17:00-17:20**: Can we explain the observed decrease in secondary inorganic aerosol & its precursors between 1990 and 2009 over Europe using LOTOS-EUROS? by **Martijn Schaap** (TNO, NL)
- **17:20-17:40**: Yearly simulation of PAH concentration over Rome urban area. Comparison of modelling results with experimental data collected during EXPAH campaigns by Camillo Silibello (ARIANET, I)

**End of the day**

**Wednesday, 9<sup>th</sup> April 2014 (9:00-17:30): Observed and modelled trends analysis.**  
**Status of the work and material available from the EMEP Centers, the European Environment Agency and the national experts' experience**

- **9:00-9:10:** Introduction of the day by **Laurence Rouil**
- **9:10-9:30:** Dos & don'ts in trends analysis by **Markus Wallasch** (UBA, DE)

**9:15-10:45 Session 1: Trends analysis activities in the EMEP centers**

- **9:30-10:30:** Report from centers MSCW and NILU on trends in acidifying, eutrophying substances and photo-oxidants, by **Wenche Aas, Hilde Fagerli, Cathrine Lund Myhe and Michael Schulz** (CCC and MSC-W)
- **10:30-11:00:** Analysis of long term observed and modeled trends in HM and POPs over the EMEP region, by **Ilia Ilyin** (MSC-East):

**Coffee break: 11:00 – 11:20**

**11:20- 12:30 Session 2: Trends analysis activities in the EEA, and international programs**

- **11:20-11:40:** AirBase, the European AQ Data base; Trend analyses in the European Environment Agency by **Alberto González Ortiz** (European Environment Agency)
- **11:40-12:00:** Trends of aerosol properties from GAW, IMPROVE and ACTRIS stations by **Paolo Laj** (Univ J. Fournier, F)
- **12:00-12:20:** Long term EARLINET observations of aerosols in Europe by **Lucia Mona** (CNR, Italy)
- **12:20-12:35:** Ground-based Measurements of Long-Range Transported Aerosol and Ozone at the WMO SDS-WAS Rural Regional Background Monitoring Station of Monte Martano (Central Italy) by **Beatrice Moroni** (Univ Perugia, I)
- **12:35-12:50:** Time series and trends of reactive trace gases at GAW global site Hohenpeissenberg meteorological observatory by **Stefan Gilge** (DWD, DE)

**Lunch break: 12:50 – 14:00**

**14:00- 17:30 Session 3: Trends analysis activities in national programs**

- **14:00-14:15:** Observed trends in VOCs over 20 years from continuous high frequency measurements in the UK by **Dick Derwent** (UK)
- **14:15- 14:30:** Trends in inorganic compounds deposition observed in France by **Stephane Sauvage** (MD, France):
- **14:30-14:45:** C<sub>2</sub>H<sub>6</sub> measurements in the Alps: linking ground-based to total-column measurements, an analysis of in-situ, FIR and model data by **Bart Dils** (BIRA, Belgium):

- **14:45-15:00:** Formaldehyde in ambient air of impact zones of Belarus: measurements & results by **Sergey Kakareka** (Inst. for Nature Management, Belarus)
- **15:00-15:15:** Chemical Composition of PM10 at eh EMEP station of Montelibrettii during 2005-2012 by **Cinzia PERRINO** (CNR, I)
- **15:15-15:30:** Meteorologically adjusted long-term trends of ozone & ozone precursors by **Christoph Hueglin** (EMPA, CH)

**Coffee break: 15:30 – 16:00**

- **16:00-16:15:** 25 years of Kosetice laboratory : Long term trends of air pollution at the regional scale of the Czech Republic by **Milan Vana** (CHMI, CZ)
- **16:15-16:30:** Polish experience in trend analysis of air pollutants concentrations and depositions for EMEP stations by **Anna Degorska** (Inst Env Protection, Poland)
- **16:30-16:45:** Air Quality trends in Italy over the past decade by **Antonio Piersantii** (ENEA, Italy)
- **16:45-17:00:** Long term sulfur and nitrogen trends in Denmark- measurements, emissions and model calculations by **Thomas Ellermann** (Aarhus Univ., Denmark)
- **17:00-17:15:** A twenty year long-term size-segregated particle characterization study at Melpitz site in Germany - influence of air mass inflow, weather conditions and season by **Gerald Spindler** (Leibniz Institute, DE)
- **17:15-17:30:** Trend in wet deposition to Sweden (1955-2011) by **Martin Ferm** (IVL, S)
- **17:30-17:45:** Long-term atmospheric composition observations at the WMO/GAW Global Station Monte Cimone (2165 m a.s.l., Italy) by **Paolo Cristofanelli** (CNR, I).

**19:30 Social dinner**

**Thursday, 10<sup>th</sup> April 2014 (9:00- 13:30):**

**9:00- 9:20 : trends analysis : final session and follow-up**

- **9:00-9:20** : Conclusion and follow-up by the TFMM co-chairs

**9:20-10:30 Heavy case test study**

- **9:20-9:40**: Progress in the assessment of Pb pollution levels in the Netherlands by **Ilya Ilyin** (MSC-E)
- **9:40-9:55**: Understanding Atmospheric Mercury at the UK EMEP Supersites by **John Kentisbeer** (CEH, UK)
- **9:55- 10:10**: The trends of POP concentrations in Pallas, Finland & Raö, Sweden for 1994-2011 based on generalized least squares regression with ARMA errors by **Pia Anttila** (FMI, FI)
- **10:10-10:30**: Conclusions and follow-up by the TFMM co-chairs

**Coffee break: 10:30 – 11:00**

**11:00-13:30 EMEP Measurement strategy and National contributions**

- **11:00-11:20**: The new format for data reporting, perspectives for future intensive measurement periods by **Wenche Aas** (CCC)
- **11:20-11:40**: EMEP data quality assessed by laboratory intercomparisons by **Kjetil Torseth** (CCC)
- **11:40-11:55**: One year of ozone flux measurements and O<sub>3</sub>, NO<sub>x</sub> and CO<sub>2</sub> profiles at the micrometeorological flux tower of Bosco Fontana (Mantua, Italy) by **Giacomo Gerosa** (Besci Univ , Italy)
- **11:55-12:15**: Results from the 2nd ACTRIS/EMEP inter-laboratory for TC and EC measurement by **Fabrizia Cavalli** (JRC)
- **12:15-12:35**: News on the ACSM network & AMS data during the last EMEP campaigns by **André Prevot** (PSI, CH)
- **12:35-12:55**: ACTRIS VOCs intercomparison experiment in Europe by **Corinne Hoerger** (EMPA, CH)
- **12:55-13:30**: perspectives for the EMEP monitoring strategy and conclusion of the meeting by the TFMM co-chairs

**End of the meeting**