

CONVENTION ON LONG-RANGE TRANSBOUNDARY AIR POLLUTION

22nd Task Force on Measurement and Modelling Meeting

Online Meeting, 10-12 May 2021

Link provided in the agenda for each session and at the end of agenda

FINAL AGENDA (ALL TIMES ARE CET)

Monday, May 10, 2021 (13:00-17:10)

[Link to the virtual meeting room](#)

WELCOME, UPDATE OF THE CONVENTION, EMEP CENTERS, RESEARCH INFRASTRUCTURES AND INTERNATIONAL ORGANISATIONS

13:00 - 13:30: Welcome, Agenda of the meeting, 2020-2021 Workplan, **Augustin Colette and Oksana Tarasova** (TFMM Chairs, INERIS, France / WMO, Switzerland)

13:30 – 13:50: Update on EMEP and the Convention including expected contribution of the TFMM to GP Review process, **Laurence Rouil** (EMEP Chair, INERIS, France).

13:50 - 14:10: Licensing of EMEP observation data, analysis of 2020 Lockdown based on EMEP network, **Kjetil Tørseth** (CCC/NILU, Norway)

14:10 - 14:30: Update on the construction of ACTRIS-ERIC and the joint ACTRIS-EMEP European strategies, **Paolo Laj** (CNRS, France)

14:30 - 14:50: Progress in MSC-W activities 2020-2021, **Hilde Fagerli** (MSC-W/MET, Norway)

14:50 – 15:10: General update of MSC-E work on HM/POP, **Iliia Ilyin** (MSC-E, Russian Federation)

15:10 – 15:30: Updated from WMO relevant to TFMM, **Oksana Tarasova** (WMO, Switzerland)

Break: 15:30 - 15:50

THEMATIC SESSION: STUDIES RELATED TO RESIDENTIAL EMISSIONS (CONDENSABLES, EURODELTA-CARB, EMEP/COLOSSAL/ACTRIS IMP, BAP INTERCOMPARISON)

15:50 - 16:10: Condensable organics; follow-up to Gothenburg (NMR) workshop, David Simpson (MSC-W/MET, Norway)

16:10 - 16:30: Final conclusions of the PM modelling phase of Eurodelta-Carb, **Augustin Colette** (INERIS, France)

16:30 - 16:50: Source attributed LOTOS-EUROS Elemental carbon compared with fossil fuel and wood burn attributed observations, **Janot Tokaya** (TNO, The Netherlands)

16:50 – 17:10: Assessment of PAH pollution in the EMEP region: contribution to EuroDelta-Carb, case study on B(a)P for Poland, **Alexey Gusev** (MSC-E, Russian Federation)

Tuesday, May 11, 2021 (09:00-17:40)

[Link to the virtual meeting room](#)

THEMATIC SESSION: STUDIES RELATED TO RESIDENTIAL EMISSIONS (CONDENSABLES, EURODELTA-CARB, EMEP/COLOSSAL/ACTRIS IMP, BAP INTERCOMPARISON)

09:00 – 09:20: Organic aerosol components across Europe using 22 ACSM/AMS yearlong datasets and a harmonized source apportionment protocol, **Chen Gang** (PSI, Switzerland)

09:20 – 09:40: Highly time resolved characterization and source apportionment of particulate elemental composition in Zürich, **Manousos Manousakas** (PSI, Switzerland)

THEMATIC SESSION: ADVANCES IN MONITORING TECHNIQUES

09:40 – 10:00: Review of ammonia and other trace gas measurement techniques for background and remote air pollution monitoring, **Christine Braban** (CEH, United Kingdom)

10:00 – 10:20: Comparison of wet only samplers at EMEP sites in UK, **Keith Vincent** (Ricardo, United Kingdom)

Coffee break: 10:20 - 10:40

SPLIT SESSION: PRIORITIES FOR 2022-2023 WORKPLAN

10:40 – 12:00: Split sessions

- Ozone: Chair: Xavier Querol, Rapporteur : Oksana Tarasova : [Link to the virtual meeting room](#)
- Organic aerosols: Chair André Prévôt, Rapporteur: Augustin Colette [Link to the virtual meeting room](#)

- POP/HM/CEC/Microplastic: Chair: Wenche Aas, Rapporteur: Mihaela Mircea [Link to the virtual meeting room](#)

Lunch break: 12:00 - 14:00

[Link to the virtual meeting room](#)

SPLIT SESSION: PRIORITIES FOR 2022-2023 WORKPLAN

14:00 – 14:20: Feedback and general discussion: Ozone, Oksana Tarasova

14:20 – 14:40: Feedback and general discussion: Organic aerosols, Augustin Colette

14:40 – 15:00: Feedback and general discussion: , Mihaela Mircea

THEMATIC SESSION: GENERAL COUNTRY UPDATE

15:00 – 15:20: Modernization of GAW/EMEP station "Rucava", **Aleksandra Kaniščeva**, (Environment Geology and Meteorology Centre, Latvia)

15:20 – 15:40: Modeling Activities in Turkey, **Canan Esin Köksal** (Ministry of Environment and Urbanization, Republic of Turkey)

15:40 – 16:00: Update on air quality activities in ENEA, **Mihaela Mircea** (ENEA, Italy)

Coffee break: 16:00 - 16:20

THEMATIC SESSION: IMPACT OF COVID-19 2020 LOCKDOWN ON EUROPEAN AIR QUALITY

16:20 – 16:40: Quantifying the Impact of the Covid-19 Lockdown Measures on Nitrogen Dioxide Levels Throughout Europe, **Sverre Solberg** (CCC/NILU, Norway)

16:40 – 17:00: The impact of COVID-19 lockdowns on air quality in European urban areas, **Stuart Grange** (EMPA Switzerland)

THEMATIC SESSION: ANALYSES OF LONG-TERM TRENDS AND SPATIAL SCALES FOR THE CONTRIBUTION TO THE REVIEW OF THE AMENDED GOTHENBURG PROTOCOL

17:00 – 17:20: High resolution exposure calculations for Europe, Western Balkans and EECCA countries using EMEP and uEMEP, **Bruce Rolstad Denby** (MSC-W/MET, Norway)

17:20 – 17:40: Co-beneficial Air quality and Climate mitigation, **Hans-Christen Hansson** (Stockholm University, Sweden)

Wednesday, May 12, 2021 (09:00-12:00)

[Link to the virtual meeting room](#)

**THEMATIC SESSION: ANALYSES OF LONG-TERM TRENDS AND SPATIAL SCALES
FOR THE CONTRIBUTION TO THE REVIEW OF THE AMENDED
GOTHENBURG PROTOCOL**

09:00 - 09:20: 2010-2020 Ozone variability and 2019--2020 measurements of VOCs-O3 precursors in Spain, **Jordi Massagé** (IDAEA-CSIC, Spain)

09:20 – 09:40: Historical and future air pollution exposure to air pollution in Europe, **Camilla Andersson** (SMHI, Sweden)

09:40 – 10:00: Past and future trends in NOx and O3 in Spain, **Marta Garcia Vivanco** (CIEMAT, Spain)

10:00 - 10:20: Relative changes in SOx, NOx and NH3 emissions 2005 - 2030 and their effects on secondary inorganic aerosols and nitrogen deposition, **Jan Eiof Jonson** (MSC-W/MET, Norway)

Coffee break: 10:20 - 10:40

10:40 – 11:00: Trends, composition, and sources of carbonaceous aerosol at the Birkenes Observatory, Northern Europe, 2001-2018, **Karl Espen Yttri** (CCC/NILU, Norway)

11:00 – 11:20: 2009-2018 trends on PM2.5-SOA in NE Spain as inferred from receptor source apportionment analysis, **Xavier Querol** (IDAEA-CSIC, Spain)

WRAP-UP

11:20 - 12:00: Conclusion, **Augustin Colette and Oksana Tarasova** (TFMM Chairs, INERIS, France, WMO)

Connection details**Day 1:**

https://teams.microsoft.com/l/meetup-join/19%3ameeting_Zjg2ODMyNjltMTNhMS00MjBkLTg2YzctMGZmZGU2NTFkZmNh%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%22978b8115-b46a-49f7-acd4-51c8622f1dd2%22%7d

Day 2:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWJhYTA4NzQtYjgyNi00YTZjLTgzYjltNzhjZjY2Zjk0Mzg%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%22978b8115-b46a-49f7-acd4-51c8622f1dd2%22%7d

Breakouts:

Ozone :

Same as main room

Organic Aerosols:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZWMzYzhhN2QtMzZmYy00ZTI1LTg4ZWQtdNDg4ODEwNGMxNWQx%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%22978b8115-b46a-49f7-acd4-51c8622f1dd2%22%7d

POP/HM/CEC/Microplastic:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGM3ODE3NDktMjhjNy00MDEyLWJhODMtN2U2MGJmZWYxNmJl%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%22978b8115-b46a-49f7-acd4-51c8622f1dd2%22%7d

Day 3:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjdkNDhkYTYtMzViZS00YzMwLThmMTQtM2VjMTlyMjBmNWQx%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%22978b8115-b46a-49f7-acd4-51c8622f1dd2%22%7d