

15th November 2017

Room	Academie I	Academie II
08:00	Registration and Welcome-Coffee	
09:00	Opening and Plenary Session (Keynote Speakers, tbd)	
10:00	Coffee Break and Poster Session 1	
	<i>Vehicle Emissions</i>	<i>Road side particles</i>
10:30	Update of Emission Factors for EURO 6 Diesel Passenger Cars for the HBEFA C. Matzer, Graz University of Technology	On-road measurements of non-road particles from tyre-road contact B. Muresan, Ifsttar
11:00	A novel approach for NO_x emission factors of diesel cars in HBEFA (Version 3.3) M. Keller, MK Consulting GmbH	Texture influence on road dust load Joacim Lundberg, VTI
11:30	Comparison of regulated emission factors of Euro 6-LDV in Nordic temperatures and cold start conditions: Diesel-DI and Gasoline-DI C. Weber, Institute of Transport Economics,	Wear particle emissions from cement concrete pavement Mats Gustafsson, VTI
12:00	Measurement and simulation of hybrid and plug in hybrid vehicles for the handbook of emission factors S. Lipp, Graz University of Technology	Non-exhaust PM₁₀ traffic emissions, road dust loading and the impact of dust binding – application of the NORTRIP emission model Bruce Rolstad Denby, Norwegian Meteorological Institute
12:30	Lunch Break and Poster Session 1	
	<i>Vehicle Emissions</i>	<i>Non Road Emissions</i>
14:00	Variations of real world NO_x emissions of diesel Euro 6 Light Duty Vehicles G. Kadijk, TNO	PACLA (PArtille CLAssifier): A novel approach for quantification and differentiation of primary particulate matter (PM) emitted by road and railway transport J. Rausch, Particle Vision GmbH
14:30	Bounds on the increase of NO_x emissions of diesel vehicles outside the scope of RDE legislation P. van Mensch, TNO	Particle and gaseous emissions from a dual-fuel marine engine K. Lehtoranta, VTT



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15:00	Plume chasing NOx RDE measurements to identify manipulated SCR emission systems of trucks D. Pöhler, University of Heidelberg	Maritime emissions for different emission reduction scenarios in the Arctic M. Winther, Aarhus University
15:30	Coffee Break and Poster Session 1	
	Vehicle Emissions	CO2 Emissions of Road Traffic
16:00	Estimation of Urban NOX-Emissions from Passenger Cars equipped with NOX-Retrofit Technologies based on TREMOD Calculations C. Piasecki, BAST	CO2 emissions of the European Heavy Duty Truck Fleet, a preliminary analysis of the expected performance using VECTO simulator and global sensitivity analysis techniques N. Zacharof, Joint Research Centre
16:30	Particle Number Emissions of Euro6 Light Duty Vehicles P. Dimopoulos Eggenschwiler, Empa	On-road determination of a reference CO2 emission for passenger cars N.E. Ligterink, TNO
17:00	Dilution effects on ultrafine particle emissions from Euro 5 and Euro 6 diesel and gasoline vehicles Cédric Louis, Univ Lyon	Estimating the European passenger car fleet composition and CO2 emissions for 2030 D. Tsokolis, Aristotle University of Thessaloniki
17:30	End of Day 1	
18:00	Transfer	
18:30	Conference Dinner	



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08:00	Registration and Welcome-Coffee	
	<i>Remote Sensing</i>	<i>Non-European Studies</i>
08:30	<p>Quantification of vehicle cold start effects on NOx and NO2 emissions using remote</p> <p>D.C. Carslaw, Ricardo Energy & Environment</p>	<p>Particles air pollution in diesel passenger trains, coaches, train and bus stations</p> <p>V. Abramesco, Israel Institute of Technology</p>
09:00	<p>Thousands of snapshots vs. trips with thousands of seconds – how remote sensing complements PEMS/chassis emission measurements</p> <p>J. Borken-Kleefeld, IIASA</p>	<p>Emissions of regulated and unregulated pollutants from light-duty gasoline vehicles using different ethanol blended fuels</p> <p>Xian Wu, Tsinghua University, Beijing</p>
09:30	<p>Pan-European study on real-driving NOX emissions from late model diesel cars as</p> <p>Å. Sjödin, IVL</p>	<p>Air Quality and Health Benefits from Fleet Electrification in China: Future Perspectives</p> <p>Xinyu Liang, Tsinghua University, Beijing</p>
10:00	Coffee Break and Poster Session 2	
	<i>Air Traffic Particles</i>	<i>Health Impact</i>
10:30	<p>Assessment of particle emissions from aircraft turbine engines: ground, cruise, and overall flight emissions</p> <p>L. Durdina, Empa</p>	<p>Impact of excess NOx emissions from diesel cars on air quality, public health and eutrophication in Europe</p> <p>J.E. Jonson, Norwegian Meteorological</p>
11:00	<p>Impact of alternative fuels on the non-volatile particulate matter mass and number emissions of an in-production aero gas turbine</p> <p>B.T. Brem, Empa</p>	<p>Impacts and mitigation of excess diesel NOx emissions in 11 major vehicle markets</p> <p>Joshua Miller, ICCT</p>
11:30	<p>Chemical composition and toxicological properties of ambient particles (PM0.25) from near-airport and urban road traffic sites</p> <p>F. Shirmohammadi, University of Southern</p>	<p>Health impact of PM10, PM2.5 and BC exposure due to different source sectors in Stockholm, Gothenburg and Umea, Sweden</p> <p>C. Johansson, Stockholm University</p>
12:00	Lunch Break and Poster Session 2	



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	<i>Large Scale Emission Data</i>	<i>Air Quality</i>
13:30	Assessing the vehicle emissions impact of a Clean Air Zone in Leeds using high resolution big telematics data J. Tate, University of Leeds	An efficient scheme for urban air quality estimates and projections N. Moussiopoulos, Aristotle University,
14:00	Emission estimation based on cross-sectional traffic data N. Tsanakas, Linköping University	Effects of traffic related abatement policies on Swiss air quality trends Ch. Hueglin, Empa
14:30	Coffee Break and Poster Session 2	
	<i>Large Scale Emission Data</i>	<i>Air Quality</i>
15:00	A smartphone-based approach to monitor real driving emissions at large scale L. Thibault, IFP New Energies	Comprehensive analysis of European vehicular primary NO2 trends S.K. Grange, University of York
15:30	tbd	tbd
16:00	Closing Remarks - End of TAP 2017	