



TAP 2017

22nd International Transport and Air Pollution Conference

15th November 2017

Room	Academie I	Academie II
08:00	Registration and Welcome-Coffee	
09:00	Opening Session	
10:00	Coffee Break and Poster Session 1	
	Vehicle Emissions	Road side particles
10:45	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
11:15	Variations of real world NOx emissions of diesel Euro 6 Light Duty Vehicles V. Heijne, TNO	Texture influence on road dust load J. Lundberg, VTI
11:45	Comparison of regulated emission factors of Euro 6-LDV in Nordic temperatures and cold start conditions: Diesel-DI and Gasoline-DI I. Sundvør , Institute of Transport Economics, Oslo	Wear particle emissions from cement concrete pavement M. Gustafsson, VTI
12:15	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 B. Rolstad Denby, Norwegian Meteorological Institute
12:45	POSTER PITCH of Poster Session 1	
13:00	Lunch Break and Poster Session 1	
	Vehicle Emissions	Non Road Emissions
14:30	A novel approach for NOx emission factors of diesel cars in HBEFA (Version 3.3) M. Keller, MK Consulting GmbH	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



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15:00	Assessment of risks for elevated NOx emissions of diesel vehicles outside the boundaries of RDE P. van Mensch, TNO	Particle and gaseous emissions from a dual-fuel marine engine K. Lehtoranta, VTT
15:30	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
16:00	Coffee Break and Poster Session 1	
	<i>Vehicle Emissions</i>	<i>CO2 Emissions of Road Traffic</i>
16:30	Particle Number Emissions of Euro6 Light Duty Vehicles P. Dimopoulos Eggenschwiler, Empa	CO2 emissions of the European Heavy Duty Truck Fleet, a preliminary analysis of the expected performance using VECTO simulator and global sensitivity analysis techniques G. Fontaras, Joint Research Centre
17:00	Dilution effects on ultrafine particle emissions from Euro 5 and Euro 6 diesel and gasoline vehicles C. Louis, Univ Lyon	On-road determination of a reference CO2 emission for passenger cars N.E. Ligterink, TNO
17:30	Analysis of tail-pipe emissions of a plug-in hybrid vehicle and its average emissions for different test cycles S. I. Ehrenberger, German Aerospace Center	Estimating the European passenger car fleet composition and CO2 emissions for 2030 D. Tsokolis, Aristotle University of Thessaloniki
18:00	End of Day 1	
18:30	Transfer	
19:00	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 sensing</p> <p>D.C. Carslaw, Ricardo Energy & Environment</p>	<p>Particles air pollution in diesel passenger trains, coaches, train and bus stations</p> <p>A. Zalberg , Israel Ministry of Environmental Protection</p>
09:00	<p>Pan-European study on real-driving NOX emissions from late model diesel cars as measured by remote sensing</p> <p>Å. Sjödin, IVL</p>	<p>Emissions of regulated and unregulated pollutants from light-duty gasoline vehicles using different ethanol blended fuels</p> <p>X. Wu, Tsinghua University, Beijing</p>
09:30	<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>Air Quality and Health Benefits from Fleet Electrification in China: Future Perspectives through 2030</p> <p>X. Liang, Tsinghua University, Beijing</p>
10:00	Coffee Break and Poster Session 2	
	<i>Air Quality and Health Impact</i>	<i>Air Traffic Particles</i>
10:30	<p>An efficient scheme for urban air quality estimates and projections</p> <p>N. Moussiopoulos, Aristotle University, Thessaloniki</p>	<p>Assessment of particle emissions from aircraft turbine engines: ground, cruise, and overall flight emissions</p> <p>L. Durdina, Empa</p>
11:00	<p>Effects of traffic related abatement policies on Swiss air quality trends</p> <p>Ch. Hueglin, Empa</p>	<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>



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Room	Academie I	Academie II
11:30	Comprehensive analysis of European vehicular primary NO₂ trends S.K. Grange, University of York	Chemical composition and toxicological properties of ambient particles (PM_{0.25}) from near-airport and urban road traffic sites C. Sioutas, University of Southern California
12:00	POSTER PITCH of Poster Session 2	
12:15	Lunch Break and Poster Session 2	
	<i>Air Quality and Health Impact</i>	<i>Large Scale Emission Data</i>
14:00	Health impact of PM₁₀, PM_{2.5} and BC exposure due to different source sectors in Stockholm, Gothenburg and Umea, Sweden C. Johansson, Stockholm University	Assessing the vehicle emissions impact of a Clean Air Zone in Leeds using high resolution big telematics data J. Tate, University of Leeds
14:30	Impact of excess NO_x emissions from diesel cars on air quality, public health and eutrophication in Europe J.E. Jonson, Norwegian Meteorological Institute	Emission estimation based on cross-sectional traffic data N. Tsanakas, Linköping University
15:00	Impacts and mitigation of excess diesel NO_x emissions in 11 major vehicle markets J. Miller, ICCT - Video feed	GNSS data-based approach to monitor real-world exhaust emissions at microscopic resolution L. Thibault, IFP New Energies
15:45	Closing Remarks Best Poster Award	
16:15	End of TAP 2017 Goodby-Coffee	