



TAP 2017

22nd International Transport and Air Pollution Conference

15th November 2017; Poster Session 1

Title	Main Author
On-board measurements to assess in-cabin vehicle air quality in Paris	A. Mehel - ESTACALAB, Department of Mechanical Engineering, ESTACA
Clean Air Project Bolivia – Long-Term Impacts	C.F. Koch - Swiss Foundation for Technical Cooperation
Incentives System for Purchase of Ecological Vehicles in the Republic of Croatia – Analyses of Existing System and Proposal for More Efficient One	M. Bunjevac - Department of IC Engines and Mechanical Handling Equipment, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Coherent structure induced dispersion of exhaust plume from heavy-duty truck	G. Fokoua - ESTACALAB, Department of Mechanical Engineering, ESTACA
Development of driving cycles based on large-scale real-world GPS data of private cars in Beijing	R. Ma - School of Environment, and State Key Joint Laboratory of Environment Simulation and Pollution Control, Tsinghua University, Beijing
Global sensitivity analysis of an on-road traffic emission model at metropolitan scale	R. Chen - CERE, Joint Laboratory of École des Ponts Paris-Tech – EDF R& D, Université Paris-Est
The Role of Changing Costs in Uptake of Hybrid and Electric Vehicles: A UK Case Study Comparing Diffusion Projection Methodologies	K. Palmer - School of Process, Chemical and Environmental Engineering, University of Leeds
Developing a high-resolution traffic emission inventory for the metropolitan area of Nanjing, China	S. Zhang - Sibley School of Mechanical and Aerospace Engineering, Cornell University
Particulate emissions of Light Duty Vehicles in the future	V. Heijne - Research Group Sustainable Transport and Logistics, TNO,
Emission of PM10 and coarse particles from “silent” asphalt	M. Norman - Environment and Health Administration, SLB, Stockholm
Modelling the stochastic variations in Passenger Car NOx Emissions measured by a remote sensing instrument	C.E. Rushton - Institute for Transport Studies, University of Leeds
Algebraic and geometric aspects of traffic control models on complex networks	A.P. Buslaev - Department of Mathematics, Moscow Automobile and Road State Technical University, Moscow
SmartAQnet – spatial/temporal high-resolution detection of air quality by new data products	K. Schäfer - Atmospheric Physics Consultant together with Karlsruhe Institute of Technology
Particle dispersion from railway rolling stock: preliminary results from wind tunnel experiments and CFD	A. Durand - ESTACALAB, Department of Mechanical Engineering, ESTACA
Computer Vision in Modern Intelligent Transport System	A.P. Buslaev - Department of Mathematics, Moscow Automobile and Road State Technical University, Moscow



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16th November 2017; Poster Session 2

Title	Main Author
A real-world driving monitoring for 44T Natural Gas & Diesel Heavy Duty Trucks: Equilibre Project first results	F. Baouche - French Institute of Science and Technology for Transport, Spatial Planning, Development and Networks (IFSTTAR)
Effects of Driving Behaviour on Fuel Consumption	V. Heijne - Research Group Sustainable Transport and Logistics, TNO
Research of Emissions with Gas PEMS and PN PEMS	J. Czerwinski - University of Applied Sciences, 2500 Biel-Bienne, AFHB
Fuel Consumption and Emissions of Four Modern Passenger Cars under Real-World Driving Conditions	A. Dimaratos - Laboratory of Applied Thermodynamics, Department of Mechanical Engineering, Aristotle University of Thessaloniki
Diesel particle filter tempering detection during a vehicle periodic technical inspection	F. Bijelić - Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Are GPFs effective for reducing genotoxic emissions of GDI vehicles?	M. Muñoz - Laboratory for Advanced Analytical Technologies, Empa
Drone-based measurement systems offer promising new methods for measuring Air Pollution Spatial Distribution	J. D'Atri - inNET Monitoring AG
Assessment of urban hybrid buses performance in a megacity network	C. Keramydas - Emisia S.A., Thessaloniki
Emission Inventory of Non-Road Mobile Machineries – First results for the Republic of Croatia	M. Pečet - Department of IC Engines and Mechanical Handling Equipment, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb
Moped emissions in urban areas	P. van Mensch - Research Group Sustainable Transport and Logistics, TNO
The Influence of Passenger Car Population and Their Activities on NOx and PM Emissions (Data from Croatia)	M. Rešetar - Centre for Vehicles of Croatia
Urban Public Transport Systems Analysed in Terms of Land Use Considering CO2 Emissions: the Case of Vienna, Austria	A. Gassner - CD Laboratory for Anthropogenic Resources, Institute for Water Quality, Resource, and Waste Management, TU Wien
Photocatalytic tunnel coatings: evaluation of their efficiency with time	C. Paglia - Institute of Materials and Constructions (IMC), DACD - SUPSI
Consumer and climate benefits of electric vehicles: insights from individual travel patterns in China, U.S., and Europe	X. He - School of Environment, Tsinghua University
Physico-chemical characterization of fine and ultrafine non-exhaust particles generated by road traffic in urban and suburban environment	A. Beji - Laboratory of Physics and Chemistry of the Atmosphere (LPCA), Université du Littoral Côte d'Opale
Euro 6 unregulated pollutant characterization and statistical analysis of the impact of aftertreatment devices and driving conditions on recent passenger cars emissions	S. Martinet - Transport and Environment Laboratory, IFSTTAR