

## A G E N D A

### **1<sup>st</sup> APT-STEP WORKSHOP on Combustion Emission Control for Clean and Efficient Vehicles 16-17 October 2014, Thessaloniki, Greece**

W1 1 <sup>st</sup> DAY - Thursday, October 16 <sup>th</sup> 2014			
9:00	9:15	Registration	
9:15	9:30	Welcome	
<b>S1. Future Fuels - Future Engines</b>			
9:30	10:00	S1 - Plenary Lecture	Rik S.G. BAERT, TNO <i>"Feeding the internal combustion engine -changes ahead!?"</i>
10:00	10:15	S1 - L1	Athanasios G. KONSTANDOPOULOS, APTL/CERTH <i>"Solar Fuels"</i>
10:15	10:30	S1 - L2	Loukia CHRYSIKOY, LEFH /CPERI/CERTH <i>"Carbon footprint of renewable diesel produced via waste cooking oil catalytic hydrotreatment"</i>
10:30	10:45	S1 - L3	George SKEVIS, APTL/CERTH <i>"Smart Fuels for Smart Engines: Perspectives and Challenges"</i>
10:45	11:30	Panel discussion	
11:30	12:00	Coffee Break	
<b>S2. Multifunctional Emission Control Devices</b>			
12:00	12:30	S2 - Plenary Lecture	Martin VOTSMEIER, UMICORE <i>"Simulation based Design of Multifunctional Exhaust Devices"</i>
12:30	12:45	S2 - L1	Massimo ASTI, Centro Ricerche Fiat (CRF) <i>"New Concepts for Integrated Diesel Exhaust Gases After-Treatment technologies"</i>
12:45	13:00	S2 - L2	Michael FISCHER, HONDA R&D <i>"NOx Control Technologies for low Real Driving Emissions of Diesel Engines"</i>
13:00	13:15	S2 - L3	Dimitrios ZARVALIS, APTL/CERTH <i>"Multi-Functional Reactor for Emission Reduction of Future Diesel Engine Exhaust"</i>
13:15	14:30	Lunch break	
14:30	15:15	Panel discussion	
15:15	17:00	Poster session with coffee	
20:30		Dinner at <i>Ouzeri Aristotelous</i> (Aristotelous 8 str.)	



<b>W1 2<sup>nd</sup> DAY - Friday, October 17<sup>th</sup> 2014</b>			
<b>S3. Challenges in Low Emissions Measurement and Testing</b>			
9:30	10:00	S3 - Plenary Lecture	Oliver BISCHOF, TSI <i>"Recent Developments and Challenges in the Measurement of Low Particle Emissions"</i>
10:00	10:15	S3 - L1	Alexander BERGMANN, AVL List GmbH <i>"AVL Real Driving Emissions: Challenges in Emissions Measurement and Testing"</i>
10:15	10:30	S3 - L2	Apostolos TSAKIS, APTL/CERTH <i>"On-board emissions measurements of locomotive diesel engines"</i>
10:30	10:45	S3 - L3	Heinz BURTSCHER, FHNM <i>"Handheld device for diesel filter inspection"</i>
10:45	11:30	Panel discussion	
11:30	12:00	Coffee Break	
<b>S4. Air Quality Issues and Retrofit Approaches</b>			
12:00	12:30	S4 - Plenary Lecture	Andreas MAYER, TTM <i>"Best available technology for retrofitting CI and SI vehicle engines"</i>
12:30	12:45	S4 - L1	Jean-Paul MORIN, INSERM/CERTAM <i>"Evolution of mobile sources tailpipe emission impacts on air quality and health"</i>
12:45	13:00	S4 - L2	Anastasia POUPKOU, AUTH/LAP <i>"Air quality in a Mediterranean city-port Particulate matter source apportionment using the WRF-CAMx modeling system"</i>
13:00	13:15	S4 - L3	Ilias MAVROIDIS, MIN. of ENVIRONMENT, ENERGY and CLIMATE CHANGE/HELLENIC OPEN UNIV.: <i>"Urban trends of NO<sub>x</sub>, NO<sub>2</sub> and O<sub>3</sub> in Athens and their relation to traffic"</i>
13:15	14:30	Lunch break	
14:30	15:15	Panel discussion	
15:15	16:30	CERTH tour	
16:30		End of workshop	

