POSTERS

Poster Session 1: Fundamentals

1.	Bhowal Arup Jyoti	Heritage Inst. India	*Numerical Investigation of Radiation and Gravity Effect on Soot Formation in a Methane Air Diffusion Flame*
2.	Frenzel I.	TU Bergakademie Freiberg, Geermany	*Study on the Influence of Ethanol on the Soot Formation in Premixed Ethylene Flames*
3.	Lee Jeonghoon	Korea University of Technology and Education	*Black Carbon and Elemental Carbon Concentrations of Spark-generated Carbon Particles*
4.	Lu Xingming	University of Brighton, UK	*Understanding the Effects of Precursor Loading Factors on the Morphology of Premixed Flame Synthesized Nanoparticles*
5.	Mandal Bijan Kumar	Indian Institute of Engineering Science and Technology, Shibpur	*Fuel Dilution and Air-Preheating Effect on Soot Formation in Diffusion Flame*
6.	Miller H.	George Washington University USA	*Extinction Measurements for Determination of Optical Band Gaps for Soot in Nitrogen-diluted, Ethylene/Air Non-premixed Flames*
7.	Olin Miska	Tampere University Finland	*Sulfur Driven Nucleation in Diesel Exhaust: Simulations of a Laboratory Sampling System*
8.	Rahinov I.	The Open University of Israel	*Diagnostics of Combustion Synthesis of Iron Oxide Nanoparticles: from Gas Phase Intermediates to Solid Particulates*
9.	Tregrossi A.	CNR Naples Italy	*Analysis of Large PAH as Components and Precursors of Nano/Ultrafine Carbon Particulate Matter*

Poster Session 2: Combustion Engine Emissions

1.	Badr R'Mili	University Lyon France	*Assessment of Particulate Matter Emission from Diesel Vehicles Equipped with DPF and from Gasoline Direct Injection (GDI) Vehicles Using Sampling by TEM Grid Filtration*
2.	Bonatesta F.	University of Oxford Brookes, UK	*Exploring the Correlation between Soot Number Density and Combustion Duration in a GDI Engine at Part-Load Conditions*
3.	Corbin J.C.	ETHZ Switzerland	*Mass Spectrometry of Wood-Combustion Soot: Positive Matrix Factorization and Refractory Oxygenated Species*
4.	Czerwinski J.	AFHB Switzerland	*Nanoparticle Research on Four Gasoline Cars*

5.	Durdina L.	EMPA Switzerland	*Improved Determination of Soot PM Emissions from Aircraft Turbine Engines Using Effective Density*
6.	Gualtieri M.	ENEA-UTTS Italy	*Modeling of the Environmental Benefits of a Post-Market Dual-Fuel Kit for Light and Heavy Duty Trucks*
7.	La Rocca A.	University Nottingham UK	*Nanoparticle Characteristics of Exhaust and Soot-in-Oil from Gasoline Direct Injection Automotive Engines*
8.	Miklánek L.	Czech Technical University	*Size Distribution of Particles from a Diesel Direct-Fired Heater*
9.	Mühlbauer W.	BERC Bayreuth Germany	*Influence of Different Diesel Fuels under Variation of Injection Pressure and Boost Pressure on Combustion and on Physico-Chemical Properties of Engine-out Soot Emissions*
10.	Pielecha J.	Poznan University Poland	*On-road Particle Emissions of Passenger Cars Using Portable Emission Measurement System*
11.	Soylu Seref	Sakarya University Turkey	*Examination of the Effects of Basic Vehicle and Engine Operating Parameters on Particle Number Emissions of a City Bus*
12.	Tartakovsky L.	Technion Haifa Israel	*Analysis of Ultrafine Particle Emissions by In-use Buses of Different Generations*
13.	Ubogu Emamode A.	University of Sheffield UK	*Evaluating The Effects of Effective Density Measurements on Particle Mass Emissions from a Gas Turbine*
14.	Wahl C.	DLR-VT	*Engine Emission Ground-Tests with Jet A-1 / Farnesane Blends*
15.	Yanagisawa Nobuhiro	ISUZU Japan	*On-line Measurement of Organic Compounds Adsorbed on Diesel Exhaust Particles by PTR-TOFMS*
16.	Zach J.	Fraunhofer Institut Germany	*Investigation of Potential Impacts on the Environment During Combustion of Nanomaterial Containing Waste*
17.	Zöllner Chr.	BERC Bayreuth Germany	*Influence of Engine Operating Parameters on PM Size, Structure and Reactivity*

Poster Session 3: Instrumentation

1.	Amanatidis St.	Aristotle University Greece	*Estimation of the Mean Particle Size by Sampling in Parallel with Two Pegasor Particle Sensors*
2.	Bémer D.	INRS France	*Determination of Airborne Nanoparticle Mass Concentration from Number Concentration Using their Effective Density - Application to ELPI Data*

3.	Jordan Gerkens A.	PTB Germany	*Evaluation of Measuring Methods for Particle Emission from Modern Diesel Vehicles in Periodic Emissions Control – Studies and Results*
4.	Karjalainen P.	Tampere University, Finland	*Performance Evaluation and Calibrations of two Commercial Exhaust Particle Counters During a Long Operation Window*
5.	Kuntze A.	PTB Germany	*Characterization of a PTB-Standard for Particle Number Concentration of Soot Particles*
6.	Silvis W.	AVL List Austria	*Aircraft Gas Turbine Non-Volatile Particle Mass and Number Emissions Measured with an AIR 6241 Compliant System*
7.	Lee Chun-beom	Korea Automotive Technology Inst.	*Multi-Purpose Novel Exhaust Gas Test Rig (High Temperature Exhaust Gas Simulator and Soot/SOF Generator)*
8.	Link O.	TESTO Germany	*The testo 380: New Portable Apparatus for Real-Time Gravimetric Measurement of Particulate Matter in the Sub-Micrometer Range*
9.	Okuda H.	Shimadzu Japan	*Development of a Novel Electro Mobility Analyzer Based on a New Classifying Principle and Applications for Nanoparticles from Different Types of Vehicles Under Various Conditions*
10.	Otsuki Yoshinori	HORIBA Germany	*Performance of Particle Counting System Utilizing a Commercially Available PMP System*
11.	Smallwood G.	National Research Council Canada	*Calibration of Black Carbon Real-Time Mass Instruments: Development and Status*
12.	Spielvogel J.	Palas Germany	*New Certified Optical System for Continuous Ambient Aerosol Monitoring*
13.	Stettler M.E.J.	University of Cambridge UK	*Aircraft Non-volatile Particle Emissions: Estimating Number from Mass*
14.	Tarik Mohamed	PSI, Switzerland	*Online Determination of Size Distribution and Elemental Composition of Nanoparticle Aerosols by a Scanning Mobility Particle Sizer Coupled to an Inductively Coupled Plasma Mass Spectrometry (SMPS-ICPMS)*
15.	Wang Xiaoliang	Desert Research Institute, USA	*A New Inversion Matrix to Improve Engine Exhaust Particle Sizer (EEPS) for Vehicle Emission Measurement*

Poster Session 4: Ambient Particle

1.	Krishna Kumar Nivedita	PSI, Switzerland	*Effects of Aging on the Optical Properties of Light-absorbing Carbon from Biomass-burning Emissions*

2.	Lonati G.	Politecnico di Milano – DICA, Italy	*Ultrafine Particles Generation from Plasma Processing of Graphite*
3.	Patel K.S.	Ravishankar Shukla University, India	*Carbons and Persistent Organic Pollutants Distribution in Ambient Air of India*
4.	Ruprecht A.A.	Tobacco Control Unit; Fondazione IRCCS Istituto Nazionale dei Tumori; Milan, Italy	*Comparison between Particulate Matter Mass, Number of Particles, Ultrafine Particle and Black Carbon Emissions by Electronic and Normal Cigarettes in Real-Life Conditions*
5.	Ragettli, M.S.	University of Montréal, Canada	*Diesel Exposures in Port Workers in Montreal*
6.	Stolcpartova J.	Czech Technical University	*Locating Urban Hot-Spots with mobile On-line Size-resolved Nanoparticle Measurement*
7.	Tartakowski, L.	Technion, Institute of Technology, Haifa, Israel	*Effects of Cabin Filter on Ultrafine Particle Concentrations inside Passenger Cars*
8.	Uhrner U.	Graz University of Technology, Austria	*Inter-regional Air Quality Assessment – bridging the Gap between Regional and Kerbside PM*
9.	Väkevä M.	Airmodus, Finland	*1-3 nm Particles in Urban Air*

Poster Session 5: Aftertreatment

1.	Bugarski A.	NIOSH, Pittsburgh, USA	*Fuel Borne Catalysts and Aerosol Emissions Generated by Sinter Metal Filtration DPF System*
2.	Feulner M.	BERC Bayreuth	*How the Humidity of a DPF Effects the Microwave Based Soot Load Determination*
3.	Hohl Y.	LIEBHERR Switzerland	*Evaluation of Fuel Quality on New Coating Technology for Advanced Exhaust Gas Aftertreatment*
4.	Køcks M.	Danish Technological Institute	*Shipboard Characterization of a Particle Filter During Operation: Influence on Particle Number Concentration, Particle Size Distribution and Gas Emissions*
5.	Leblanc M.	IFP Energies nouvelles	*Characterization of Unregulated Gaseous and Particulate Emissions During Active Regenerations of Diesel Particulate Filters*
6.	Markowski J	Poznan University, Poland	*Influence of an Oxygen Additive to Jet Fuel on the Particle Emissions from a Small Turbine Engine*
7.	Nussbaumer Th.	VERENUM, Switzerland	*Monitoring of Electrostatic Precipitators in Automatic Biomass Combustion Plants*

8.	Taylor M.	EMINOX	*SCRT® Technology and Application. First Experiences with 3rd Generation SCRT® Systems*

Poster Session 6: Health Effects

1.	Kutlar Joss M.	Swiss Tropical and Public Health Inst.	*LUDOK – Documentation Database on Air Pollution and Health Research*
2.	Topinka J.	University Prague, *Czech Republic*	*Toxicity of Size Segregated Aerosol in the Ambient from Heavily Polluted City of Ostrava, Czech Republic*

Poster Session 7: Legislation

1.	Multari A..	MAHA, Germany	*OBD vs. Tailpipe Testing - Future Test, Options for Emission Control Systems of Modern In-Use Vehicles*