Cambridge Particle Meeting

23rd June 2017
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8:30	**REGISTRATION**		
	Session I (Chair: Jonathan Symonds)		
9:00			Welcome
9:10	David Kittelson	University of Minnesota	Particle number measurements: Correcting for losses at 10 nm or smaller
9:30	Justin Koczak	University of Michigan	Morphology and Nanostructure of Size-Selected Ultrafine Particles Emitted by a Gasoline Direct Injection Engine
9:50	Felix Leach	University of Oxford	Particulate Emissions from a Highly Boosted GDI engine
10:10	Jacob Swanson	Minnesota State University	On-road particle and gaseous emissions from a PFI and GDI hybrid electric vehicle
10:30	**BREAK**		
	Session II (Chair: Adam Boies)		
11:00	Suzanne E. Paulson	University of California, Los Angeles	The Design of the Built Environment, the Roadway Pollutant Concentrations and Pedestrian Exposure in Complex Urban Areas
11:20	Steven Barrett	Massachusetts Institute of Technology	Particulate matter and aviation contrails
11:40	Marc Stettler	Imperial College London	Aircraft Black Carbon Particle Number Emissions – New Predictive Method & Uncertainty Analysis
12:00	Mike Adams	University of Leeds	Ice nucleating particle concentration during a combustion aerosol event
12:20	Arvind Thiruvengadam	West Virginia University	Investigation of DPF failure modes- Effect on particle number, size distribution, and failure identification strategies
12:40	**LUNCH & POSTER SESSION**		
	Session III (Chair: Martin Irwin)		
13:40	Tyler Johnson	University of Cambridge	Theory and Experimental Validation of the Steady-State AAC Data Inversion
14:00	Mario Schriefl	Graz University of Technology	Investigation of a Piezoelectric Plasma Generator as a Charging Source for Aerosols
14:20	Marin Vojkovic	Université de Lille	Surface chemical analysis of soot aerosol by Two-step Laser Mass Spectrometry: Improvements of sensitivity and selectivity
14:40	Nickolas Eaves	University of Cambridge	Experimental and computational study of the evolution of soot particle morphology in a diluted laminar co-flow ethylene diffusion flame
15:00	Hamisu Dandajeh	University College London	Effect of molecular structure of C1 – C7 hydrocarbons on PAH formation
15:20	**BREAK**		
	Session IV (Chair: Robert Nishida)		
15:50	Martin Irwin	Cambustion Ltd.	Obtaining the mixing state of black carbon using the CPMA-SP2 method; from concept to the field
16:10	David Green	King's College London	High time resolution measurements of PM2.5 and PM10 using X-ray fluorescence
16:30	Yuchieh Ting	University of Manchester	The Processes and Emissions of Residential Solid Fuel Combustion from Cooking Stoves.
16:50	Gordon Andrews	University of Leeds	Particle size distribution as a function of time during pine wood combustion on a cone calorimeter
17:10	**END**		