



Cambridge Particle Meeting 2021

To ask questions during the event, use the link or the code below:

<https://app.sli.do/event/qeu3k2ur>

Event Code: 712606

Presenter		Start Time (BST)
	Welcome	12:00 PM
José Morán	Impact of the maturation process on soot particle aggregation kinetics and morphology	12:05 PM
Georgios Kelesidis	Santoro flame: the volume fraction of soot accounting for its morphology & composition	12:25 PM
M. Reza Kholghy	Morphology, composition and optical properties of jet engine-like soot made by flame spray pyrolysis	12:45 PM
Jacob Martin	Carbonaceous nanoparticle formation in flames	1:05 PM
Zuhaib Khan	Effects of temperature and residence time on the pyrolysis of methane and ethane in a high-temperature flow reactor	1:25 PM
Eric Bringley	Radial dependence of TiO ₂ nanoparticles synthesised in jet-wall stagnation flames	1:45 PM
Break	<i>15 minutes</i>	2:05 PM
Martin Irwin	Characterising the Silver Particle Generator: the new silver standard	2:20 PM
Randy Vander Wal	Value added carbons by microwave plasma processing of natural gas	2:40 PM
Joel Corbin	Size-dependent mass absorption cross-section (MAC) of combustion-generated soot particles	3:00 PM
Anne Massier	Portable and cost-effective ultrafine and coarse particle sizing instruments	3:20 PM
Peter Wahman	Supervised machine learning methods applied to long term deployment of low-cost air quality sensors	3:40 PM
Patrick Weber	On the accuracy of multi-wavelength intensive aerosol optical properties.	4:00 PM
Break	<i>20 minutes</i>	4:20 PM
Joachim Demuynck	Ultra-low PN ₁₀ emissions of a 48V mild-hybrid gasoline vehicle with advanced emission control technologies	4:40 PM
Amanda Lea-Langton	Evaluation of indoor air quality from wood burning stoves in comparison to other domestic PM sources	5:00 PM
David Kittleson	How do we define ultrafine particles?	5:20 PM
Steve Rogak	Effect of air purifiers on aerosol concentrations in hospital rooms	5:40 PM
Simon Payne	Assessment of face covering material filtration using particles classified by aerodynamic diameter over a broad size range	6:00 PM
Closing remarks		6:20 PM