



UK Fluids Network
Special Interest Group on
Particulate Matter Filtration Flows
in Automotive and Marine Applications



The University of
Nottingham



Particulate Matter filtration flows

Johnson Matthey Technology Centre (Reading), December 17th, 2024

Blount's Court, Sonning Common, Reading RG4 9NH

MEETING PROGRAMME

IMPORTANT!

YOU WILL NEED GOVERNMENT ISSUED PHOTO ID TO ENTER THE SITE (DRIVING LICENCE OR PASSPORT)

9.30 – 9.50	Arrival and refreshments
09:50 – 10:00	Welcome address
10:00 – 10:30	Emma Hailwood (UCL) <i>"Understanding how low blend ratios of SME biodiesel changes the toxicity of exhaust particulates and impacts lung health"</i>
10:30 – 11:00	Ian Mudway (Imperial College London) <i>"Learning to love your taxi driver"</i>
11:00 – 11:15	Break/discussions
11:15 – 11:45	Reza Ziarati (C4FF) <i>"The Impact of Quarrying Activities on Air Quality and Public Health: A Case Study in Warwickshire"</i>
11:45 – 12:15	Hu Li (University of Leeds) <i>"Particulate emissions from hybrid electric vehicles"</i>
12:15 – 13:15	Lunch break and discussions
13:15 – 13:45	Aldo Lanza (Johnson Matthey) <i>"The impact of PM on coated catalytic GPF structures investigated by spatially resolved Mass Spectrometry (SPACI-MS)"</i>
13:45 – 14:15	Ryan Mulholland (Cambustion) <i>"Soot Loading, Ash Loading and Regeneration Properties of Particulate Filters with the DPGs"</i>
14:15 – 14:30	Break/discussions
14:30 – 15:00	Nick Molden (Emissions Analytics) <i>"Particle emissions from tyres: a large but uncertain problem, and challenging to solve"</i>
15:00 – 15:30	Jon Andersson (Ricardo) <i>"Particle Emissions From Brake and Tyre Wear – Results from the Phase 1 study for the UK DfT"</i>
15:30 – 15:45	Closing remarks and networking
15:45	Tour (optional)

Further information and contacts

[Meeting Registration link](#)

[SIG website](#)

[UK Fluids website](#)

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