

DRAFT Conference programme

Day 1 – 30 April 2025 – Emissions characterization and environmental effects

Time	Format	Speaker(s), Organisation	Title
8.45-9.00am	Welcome	Nick Molden, Emissions Analytics	Session 1 – The big picture
9.00-9.25am	Presentation	Professor Frank Kelly, Imperial College London	TBC
9.25-9.50am	Presentation	California Air Resources Board [Confirmed]	TBC
9.50-10.15am	Presentation	Anup Mondal, Apollo Tyres	Compounding approach to expand Magic Triangle and its impact on tire wear which link to tire emissions
10.15-10.45am	Discussion panel	California Air Resources Board, Apollo Tyres, Imperial College	
10.45-11.15am	Networking break		
	Welcome		Session 2 – Aquatic effects
11.15-11.40am	Presentation	Dr Kelly Grant, California Department for Toxic Substances Control	Driving change: California's novel approach to safer alternatives to 6PPD in tires
11.40-12.05pm	Presentation	US Geological Survey/University of Minnesota	Worn road-tire particles in high-elevation Colorado Rocky Mountain snow: Effects on mountain ecosystems.
12.05-12.30pm	Presentation	TBC	
12.30-13.45pm	Lunch break		



Emissions Analytics
TYRE EMISSIONS & SUSTAINABILITY
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	Welcome		Session 3 – Air quality effects
1.45-2.10pm	Presentation	Scott Epstein, South Coast Air Quality Management District	Health risk due to air toxics exposure in Southern California: Brake wear, tire wear, and ethylene oxide special studies
2.10-2.35pm	Presentation	Valerio Ferracci, National Physical Laboratory	TBC
2.35-3.00pm	Presentation	Nick Molden, Emissions Analytics	<i>Tyre Insights</i> and new frontiers in understanding tire emissions: Ultrafines, smog, VOCs and PFAS
3.00-3.30pm	Networking break		
	Welcome		Session 4 – Wear particles
3.30-3.55pm	Presentation	Jaydee Edwards, University of Pennsylvania	Urban road dust and TRWPs: Understanding their composition, distribution, and interactions
3.55-4.20pm	Presentation	Professor Heejung Jung, University of California Riverside	Metal contents and size distributions of tire and brake wear particles dispersed in the near-road environment
4.20-4.45pm	Presentation	Elizabeth DeFrance, University of California Riverside	Tire-wear particulate emissions from light-duty and heavy-duty vehicles
4.45-5.15pm	Discussion panel	Department for Toxic Substances Control, South Coast Air Quality Management District, University of California Riverside	
5.15-6.45pm	Cocktail reception		

Day 2 – 1 May 2025 – Industry, infrastructure and policy

Time	Format	Speaker(s), Organisation	Title
8.45-9.00am	Welcome	Nick Molden, Emissions Analytics	Session 1 – Wider perspective
9.00-9.25am	Presentation	Susan Brander, Oregon State University	TBC
9.25-9.50am	Presentation	Dr Mitra Salehi, S&P Global	Estimating and forecasting tire wear particle emissions in freight transport
9.50-10.15am	Presentation	[Tyre industry representative]	TBC
10.15-10.45am	Networking break		
	Welcome		Session 2 – End-of-life tires
10.45-11.10am	Presentation	Denise Kennedy, DK Enterprises	TBC
11.10-11.35am	Presentation	Patrick Kroeger, Arduro	TBC
11.35-11.50am	Presentation	Mélissa Auge, REGOM	Grading for better recycling
11.50-12.30pm	Discussion panel	DK Enterprises, Arduro, REGOM	
12.30-1.45pm	Lunch break		
	Welcome		Session 3 – Mitigations
1.45-2.10pm	Presentation	Siobhan Anderson, The Tyre Collective	Capturing tire wear pollution
2.10-2.35pm	Presentation	Michael Durante, Pavement Technology, Inc.	Photocatalytic removal for residual mobile source non-exhaust emissions
2.35-3.20pm	Discussion panel	DK Enterprises, The Tyre Collective, Pavement Technology	
3.20-3.30pm	Conference close		



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