

# Frontiers in Air Quality Science Programme: 23<sup>rd</sup> June 2014

Time	Session title and content	Chairperson
09:00 – 09:30	Registration	
09:30 – 10:15	<b>Opening address – Day 1</b>	
	Dan Costa (US EPA) - The confluence of air quality, health and climate change: a challenge to air scientists... and everyone else	Frank Kelly (KCL)
10:15 – 11:15	<b>Advances in Air Quality Measurement Session 1</b>	
	Gary Fuller (KCL) – Sixty years of air pollution measurements in London – evolving techniques and advancing understanding David Carslaw (KCL) - Recent findings from comprehensive vehicle emission remote sensing measurements	Klea Katsouyanni (KCL)
11:15 – 11:45	Coffee break	
11:45 – 12:15	<b>Advances in Air Quality Measurement Session 2</b>	
	Thomas Kuhlbusch (Duisberg, Germany) – Challenges and the future of urban air quality monitoring in Europe	Klea Katsouyanni (KCL)
12:15 – 13:45	Lunch	
13:45 – 15:45	<b>Advances in Air Quality Modelling</b>	
	Chris Frey (North Carolina State University, US) - Advances in modelling of human exposure to air pollution Mat Heal (Edinburgh) - EMEP4UK modelling Paul Agnew (Met Office) – Forecasting UK air quality: present day and under a changing climate Sean Beevers (KCL) – Modelling human exposure in London present and future	Martin Williams (KCL)
15:45 – 16:15	Tea break	
16:15 – 17:15	<b>State of the art lecture</b>	
	Bert Brunekreef (University of Utrecht) - AQ – past, present & future	Frank Kelly (KCL)
17:15 – 19:30	<b>Poster presentation and drinks reception</b>	

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# Frontiers in Air Quality Science Programme: 24<sup>th</sup> June 2014

Time	Session title and content	Chairperson
09:00 – 09:30	<b>Opening address – Day 2</b>	
	Paul Elliott (Imperial College London) - The exposome approach to the study of exposure-disease associations	Frank Kelly (KCL)
09:30 – 11:00	<b>Advances in Air Quality Toxicology</b>	
	Flemming Cassee (RIVM, the Netherlands) - PM associated health effects: contribution on non-exhaust and ultrafines Anders Blomberg (Umea, Sweden) - Heart and lungs: victims of polluted air Ian Mudway (KCL) - Fumifugium 2014	Heather Walton (KCL)
11:00 – 11:30	Coffee break	
11:30 – 13:00	<b>Advances in Air Quality Epidemiology</b>	
	Richard Atkinson (St Georges', University of London) – A journey through time-series analyses Mike Jerrett (Berkeley, University of California) – Impact of alternative exposure estimates on the relation between chronic ambient fine particulate matter and survival Klea Katsouyanni (University of Athens and KCL) – Effects of ozone exposure in children (RESPOZE): a panel study in Greece. Implications of the field work and preliminary results	Ross Anderson (KCL)
13:00 – 14:30	Lunch	
14:30 – 16:30	<b>Science Policy - influencing policy makers and the public</b>	
	Markus Amann (IIASA) - Translating scientific findings into policy recommendations for the Clean Air Policy Package proposed by the European Union Peter K. Louie (Environmental Protection Department, Hong Kong) – Science/Policy interplay: Advance air quality measurements in Hong Kong in support of air quality improvements in the Pearl River Delta Region, China Eckard Helmers (Trier University of Applied Sciences, Germany) – The European diesel car boom : causes and effects Martin Williams (KCL) – Communicating risk and uncertainty to policymakers and the public	Michal Krzyzanowski (KCL)
16:30 – 16:45	<b>Concluding remarks</b>	
	Advances in Air Quality Science Symposium summary	Frank Kelly (KCL)
16:45 – 18:30	<b>Drinks reception</b>	

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