



AIR SENSORS  
EVERYWHERE

Air Sensors Everywhere Small Sensors Symposium  
National Railway Museum, York, UK  
13-14 October 2016

Agenda

## Thursday 13 October 2016 – Mallard Suite

08:00-09:30	<b>REGISTRATION, ARRIVAL COFFEE AND TEA, POSTER SET-UP</b>	
09:30-09:45	<b>Welcome and Introduction</b>	<b>Rick Peltier &amp; David Carslaw</b>
09:45-11:30	<b>SMALL SENSING TECHNOLOGIES IN RESEARCH</b>	
	From the lab to the field: validating gas sensors in the real world	<b>Dr. John Saffell</b> AlphaSense
	About the use of small sensors for mapping of air quality in cities with high spatiotemporal resolution	<b>Dr. Christoph Huglin</b> EMPA Switzerland
	Monitoring air quality using low cost sensor networks: Heathrow airport	<b>Prof. Rod Jones</b> University of Cambridge
	Personal and occupational exposure to fine particulate matter in Accra, Ghana	<b>Dr. Raphael Arku</b> University of British Columbia
11:30-12:00	<b>NETWORKING BREAK, POSTER VIEWING, COFFEE AND TEA</b>	
12:00-12:45	<b>LUNCH</b>	
12:45-13:45	<b>Keynote Address</b>	<b>Dr. Annette Guiseppi-Elie</b> Associate Director for Exposure Science, NERL United States Environmental Protection Agency
13:45-15:25	<b>ENGAGING COMMUNITIES</b>	
	Will low-cost sensors solve the challenge of air pollution exposure assessment for epidemiology?	<b>Dr. Cathryn Tonne</b> CREAL/ISGlobal, Barcelona
	Leveraging Technological Advances and the Big Data Revolution to Understand Humans, the Environment and Our Cities	<b>Dr. Marguerite Nyhan</b> Harvard University
	AirSensEUR: Open platform and open access air quality monitoring	<b>Dr. Michel Gerboles</b> JRC, European Commission
	Open air quality: Enabling local communities to empower each other on a global scale	<b>Dr. Christa Hasenkopf</b> OpenAQ
	Using portable and wearable sensors in health research: first results & practical issues from the PASTA project	<b>Dr. Luc Int Panis</b> VITO
15:25-15:55	<b>NETWORKING BREAK, TEA AND COFFEE</b>	
15:55-17:35	<b>ENGAGING COMMUNITIES</b>	
	Use of a sensor-based system for urban air quality. A case study: PHOTOCITYTEX	<b>Dr. Mila Rodenas Garcia</b> Fundación CEAM
	PM Sensor Measurements in Construction Environments – long term drift and comparability to reference equivalent instrumentation	<b>Dr. David Green</b> King's College London
	Small Sensors... Revolution or Evolution?	<b>James Mills</b> Air Monitors Ltd
17:35-18:30	<b>POSTER SESSION, SOCIAL HOUR</b>	
19:15 for 19:30	<b>CONFERENCE DINNER</b> Ask Italian, Blake Street, York	

## Friday 14 October 2016 – Duchess of Hamilton Suite

<b>08:30-09:15</b>	<b>ARRIVAL COFFEE AND TEA</b>	
<b>09:15-10:00</b>	<b>Morning Address</b>	<b>Professor Alastair Lewis</b> University of York, UK
<b>10:05-11:50</b>	<b>THE FUTURE OF SENSING</b>	
	Air sensors: how timely for addressing air pollution in sub-Saharan Africa	<b>Dr. Kofi Amegah</b> University of Cape Coast, Ghana
	Commons-Based Peer Production and Small Scale Sensors	<b>Dr. Charlie Schweik</b> University of Massachusetts, USA
	Sensors and the Exposome	<b>Dr. Miranda Loh</b> IOM Edinburgh
	Multiresolution analysis of spatiotemporal variability of global radiation using a dense network of pyranometer stations during HOPE campaign	<b>Dr. Lakshmi Madhavan Bomidi</b> Goa University, India
<b>11:50-13:00</b>	<b>LUNCH</b>	<b>Roller Shutter Door Area</b>
<b>13:00-14:15</b>	<b>THE FUTURE OF SENSING</b>	
	Standardizing measurements: CEN committee updates	<b>Brian Stacey</b> Ricardo, UK
	Revisiting fluid measurement	<b>Dr. David Birch</b> University of Surrey
	Challenges and opportunities from outdoor air pollution sensing in cities	<b>Dr. Prashant Kumar</b> University of Surrey
<b>14:15-14:30</b>	<b>Closing Comments and Conclusion</b>	<b>Rick Peltier &amp; David Carslaw</b>
<b>14:30</b>	<b>DEPART, TAKEAWAY TEA AND COFFEE</b>	

## Live Webcast and Recording

We expect to provide a free webcast version of the symposium beginning by 09:00 GMT on 13 October 2016 and running throughout the day. An offline video recording will be prepared at a later date and posted on our website for later viewing. More details about linked to the webcast will be posted the week of the symposium.



## Acknowledgements

The Air Sensors Everywhere Small Sensors Symposium is supported by:



We would also like to thank:

