



Monitoring Ambient Air 2008

Airborne Particles: Origins, composition and effects

Conference with Exhibition

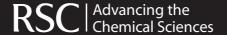
Programme

and call for posters

Arranged by the Automation and Analytical Management Group
Royal Society of Chemistry
In cooperation with the National Physical Laboratory,
Teddington, UK

Tuesday 16th and Wednesday 17th December 2008
At the Society of Chemical Industry (SCI)
Belgrave Square, London

Email: conference@aamg-rsc.org Web site: www.aamg-rsc.org



Airborne Particles: Origins, composition and effects

Conference with Exhibition

Tuesday 16th, Wednesday 17th December 2008 at the Society for Chemical Industry, Belgrave Square, London SW1X 8PS

Introduction

Airborne particles are the most serious air pollutant in Europe in terms of health effects, and they also play a major role in climate change. Until very recently, legislation has been based on particle mass concentrations such as PM10, but it has become increasingly apparent that this measure is too crude to form the basis for good understanding of the scientific issues. The 2008 Ambient Air Quality Directive contains a requirement to monitor the composition of airborne particles, and the collection of reliable data on many specific properties of particles is a very active area of research. This timely conference brings together many leading figures from the field, covering particle composition, optical and physical properties, health effects, sources and legislation, and will provide a broad and up-to-date survey of this important topic.

Day One

Tuesday - European overview and health effects

Chairman: Peter Woods, National Physical Laboratory, UK

- 10:30 Registration
- 11:00 EU regulatory position on airborne particles

 Andrej Kobe, DG Environment, European Commission, Belgium
- 11:45 Source apportionment of PM Xavier Querol, Institute of Earth Sciences, Jaume Almera, Spain
- 12:30 Lunch

Chairman: Andre Kobe, European Commission, DG Environment, Brussels, Belgium

- 1:30 Sources and source contributions of fine particles Thomas Kuhlbusch, IUTA, Duisburg, Germany
- 2:15 QA/QC of particle speciation measurements Theo Hafkenscheid, RIVM, Netherlands
- 3:00 Tea
- 3:30 Epidemiological links between airborne particles and health Richard Atkinson, St George's, University of London, UK

4:00	Redox active metals as determinants of airborne particle toxicity lan Mudway, King's College London			
4.30	Speciation of airborne and deposited PM in Holland Ronald Hoogerbrugge, RIVM, Netherlands			
5:00	Close of day 1			
Day Two Wednesday – Measurements and impacts				
Chairm	nan: Annette Borowiak, European Commission, Joint Research Centre, Ispra, Italy			
10:00	Developments in monitoring carbon composition: standardisation of methods for organic and elemental carbon Jean-Philippe Putaud, JRC Ispra, Italy			
10:30	Optical methods for monitoring black carbon Tony Hansen, Magee Scientific, California, USA			
11:00	Coffee			
11.30	Physical characterisation of airborne particles Alfred Wiedensohler, Leipzig Institute for Tropospheric Research, Germany			
12:00	Measurements of water soluble aerosol components To Be Confirmed			
12:30	Measurements and trends in airborne metals, including mercury, in the UK Richard Brown, National Physical Laboratory, UK			
1:00	Lunch			
Chairman: Thomas Kuhlbusch, IUTA, Duisburg, Germany				
2:00	Modelling the speciation of PM Dick Derwent, RD Scientific, Newbury, UK			
2:45	Particulates from industry Rob Kinnersley, Environment Agency, Solihull, UK			
3:15	Urban low emission zones Charles Buckingham, Transport for London, UK			
3:45	Tea, coffee			
4.15	Close of conference			

REGISTRATION FORM

Please complete this form after referring to the Registration Information and return by Post Or Fax to:

AAMG-RSC, PO Box 174, Manchester, M24 4XZ, UK Fax No: +44 (0) 161 610 3939

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Delegate's Name & Title					
Position					
Organisation					
Address					
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Special Requirements					
Signature					
Registration Fees	Non Members	£285	П		
	Members	£195			
	Student / Retired Person	£95			
Payment: (Please tick applicable method)					
By Cheque Please make cheques payable to: AAMG-RSC					
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How to Register

Early registration is requested due to space and catering requirements. Please complete and return the registration form as soon as possible.

Registration Fees: Non Members £285

Members£195Students/Retired Person£95

The registration fee includes attendance at the meeting together with coffee, lunch, afternoon tea/coffee.

Payment of registration fees:

- By Cheque or Money Order made payable to: AAMG-RSC
- By Credit Card (AMEX and DINERS cards not accepted)
- By Bank Transfer (BACS)

Venue

The Society of Chemical Industry (SCI), 14/15 Belgrave Square, London SW1X 8PS www.soci.org Maps and details will be provided upon registration.

Registration Contact

Conference Secretary, AAMG-RSC, P O Box 174, Manchester. M24 4XZ, UK Email: conference@aamg-rsc.org Fax: +44 (0) 161 610 3939

AAMG Treasurer (contact for banking information)

Dr R Narayanaswamy, AAMG-RSC, P O Box 174, Manchester. M24 4XZ, UK Tel +44 (0) 161 306 4891 Fax +44 (0) 161 610 3939

Notes

- 1. Fees are not normally refundable but are transferable. If for any reason the organisers should cancel the conference then fees will be refunded.
- 2. The registration fee includes attendance at the meeting together with coffee, lunch and afternoon tea/coffee, as appropriate.
- 3. The organisers reserve the right to alter the programme.

Data Protection Act. The information on this form will be retained (1) for the purpose of administering this meeting, in particular for producing a list of participants for distribution at the meeting, and (2) in order that information on future meetings can be sent to you.

Please write to the meeting contact (see above) if you object.

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