

# **Air Quality – The Major Challenges**

Conference with Exhibition and Posters

## **CALL FOR PAPERS**

Organised by the Automation and Analytical Management Group  
Royal Society of Chemistry

**Tuesday 9th and Wednesday 10th December 2009**

at the Royal Society of Chemistry Lecture Theatre  
Burlington House, Piccadilly, London

Email: [conference@aamg-rsc.org](mailto:conference@aamg-rsc.org)

Web site: [www.aamg-rsc.org](http://www.aamg-rsc.org)

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### Introduction

As the EU legislation covering air quality starts to bite, many problems with compliance are emerging. The compliance issues are most acute for particulate matter (PM), nitrogen dioxide and ozone, leading to breaches of Directive requirements in many member states across the EU. In addition to these regulatory issues, air quality issues are gaining a high profile in several specific cases such as airports, shipping and major international events, for example the 2012 Olympics. The conference will focus on these major current challenges and how technology and regulation should be adapting to address the challenges of the future.

The conference will be introduced by internationally recognised experts to set the scene at the national and European level. It will bring together leading scientists and policy makers, and will provide a broad and up-to-date survey of regulatory and scientific issues, including health effects and future perspectives.

### Scientific Committee:

Alan Braithwaite, AAMG-Royal Society of Chemistry, UK; Kevin Saunders, Keris Ltd. UK; Gary Fuller, Kings College London, UK; Theo Hafkenscheid, RIVM, NL; Paul Quincey, National Physical Laboratory, UK; Peter Woods, National Physical Laboratory, UK.

### Call for Papers:

Papers are invited on the following themes to be presented orally or as posters.

### Current Challenges

Particulate matter (PM)

- including metrics and speciation, nanoparticles, natural sources

Nitrogen dioxide

- primary sources, control measures

Ozone

- urban exposure, control measures, global influences and links to climate change

Disagreements between inventory values/projections and measured ambient concentrations

Health effects

## **Specific Major Issues**

For example, airports, 2012 London Olympics, shipping, biofuels, biomass burning.

## **Future Perspectives**

New techniques and technologies

- the monitoring strategies of the future

## **The Changing Air Quality Climate**

How would we monitor and regulate air quality if we could start all over again?

## **Abstract**

A one page (A4) abstract of the proposed paper must be provided by 29th June. Contributions will be assessed on merit and allocated to an oral or poster presentation. Authors will be informed of the Scientific Committee's decision by 20th July 2009. Contributions not relevant to the theme of the conference will be rejected. The committee's decision is final.

Authors of papers selected for oral sessions will be included in the conference booklet. Papers not chosen for an oral presentation will be included in the poster sessions and in the poster section of the booklet.

The format for producing the abstract is available on the AAMG web site. <http://www.aamg-rsc.org>. Abstracts in other formats will not be considered. Contributions should be forwarded by email to [conference@aamg-rsc.org](mailto:conference@aamg-rsc.org).

All authors and presenters will be provided with details of administration arrangements and requirements for presentations. The principal author of papers selected for oral presentation will have their registration fees waived.

## **Conference Information**

Advanced delegate registration information may be obtained by contacting the conference secretary at [conference@aamg-rsc.org](mailto:conference@aamg-rsc.org).