

**Towards the 2013 Revision
of the Ambient Air Quality Directive
- Issues and Solutions**

CALL FOR PAPERS

**Conference with
Posters and Exhibition**

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

Monday 12th & Tuesday 13th December 2011

**At The Royal Society of Chemistry,
Burlington House, Piccadilly,
London W1J 0BA**

**Email: conference@aamg-rsc.org
Website: <http://www.aamg-rsc.org>**

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Introduction

It is now ten years since the air quality daughter directives were introduced and six years since the launch of the EU Thematic Strategy on air pollution. However, many air pollution challenges remain across Europe.

Across Europe pollution concentrations are not falling as fast as expected and member states are therefore experiencing difficulties with attainment of Limit and Target Values for NO₂, O₃ and PM₁₀. It is clear that large gaps remain in our understanding of emissions sources and their linkage to ambient concentrations. Meanwhile evidence of the health burden of air pollution continues to grow and increased emphasis on the reduction of green house gas emissions provides opportunities for co-benefits between climate change mitigation measures and air pollution abatement.

This conference will address some of the scientific questions as we prepare for the review of the Ambient Air Quality Directive in 2013. 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 the measurement, regulatory and scientific issues, including policy implications, health effects and future perspectives. The conference will also provide an update on the European funded AirMonTech project to harmonize current air pollution monitoring techniques and to advise on future monitoring technologies and strategy.

Call for Papers

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

- Nitrogen dioxide:

compliance, ambient trends, current and future control measures.

- Particulate carbon:

measurement, ambient concentrations, sources and behaviour of elemental and organic carbon.

- Air pollution and climate change:

short term climate effects from air pollution, biomass burning, air pollution and CO₂ emissions from transport.

- New evidence of the health burden of air pollution.

Abstract

A one page (A4) abstract of the proposed oral or poster presentation must be provided by 12th August 2011. Contributions will be assessed on merit. Authors will be informed of the Scientific Committee's decision by 29th August. 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 may 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. All authors and presenters will be provided with details of administration arrangements and requirements for presentations.

Scientific Committee

Alan Braithwaite, AAMG-Royal Society of Chemistry, UK; Gary Fuller, Kings College London, UK; Theo Hafkenscheid, RIVM, NL; Paul Quincey, National Physical Laboratory, UK; Craig Roxburgh, Institute of Naval Medicine, UK; Peter Woods, National Physical Laboratory, UK., Chris Walton, Cranfield University, UK; Kevin Saunders, Keris Ltd., UK.

Conference Information

Advanced delegate registration information may be obtained by contacting the conference secretary at conference@aamg-rsc.org.