

Measuring Air Pollutants by Diffusive Sampling and Other Low Cost Monitoring Techniques



Measuring Air Pollutants by Diffusive Sampling and Other Low Cost Monitoring Techniques

**International Conference
with Posters and Exhibition**

CALL FOR PAPERS

The Conference is being organised by the Automation and Analytical Management Group (AAMG) of the Royal Society of Chemistry, UK

In cooperation with Krakow City Council

Co-Sponsored by

European Commission, Joint Research Centre (JRC), Ispra, Italy
National Physical Laboratory (NPL), UK

National Institute for Public Health and the Environment (RIVM), Netherlands
Flemish Institute for Technological Research (VITO), Belgium.

**Tuesday 15th, Wednesday 16th
and Thursday 17th September 2009**

**At the Krakow City House
KRAKOW, POLAND**

Email: conference@aamg-rsc.org

Web site: www.aamg-rsc.org

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Introduction

Since the successful conferences on Diffusive Sampling in Luxembourg in 1986 and in Montpellier in 2001, the role of the technique in the assessment of air pollution has changed dramatically. With the development of the EU Air Quality Directive, the Daughter Directives and the recent Directive 'on Ambient Air Quality and Cleaner Air for Europe', importance of the diffusive sampling has been further recognised and widely implemented. Although formally only used in the workplace, the technique is now accepted for ambient air and indoor air monitoring and personal exposure assessment. In later years, the monitoring has been enhanced by other low cost methods, including sensors and miniature instrumentation.

It is now considered appropriate to organise a third conference to present the state of art and the newest developments in the field. This Krakow Conference offers a good opportunity to bring together scientists, air quality managers and manufactures, to exchange experiences and thoughts about the new applications.

Scientific Committee

Michel Gerboles, JRC Ispra, Italy, Pascual Perez Ballesta, JRC Ispra, Italy, Alan Braithwaite, AAMG-RSC, UK, Kevin Saunders, Keris Ltd, UK, Liz Woolfenden, Markes Int., UK, Ulrich Pfeffer, Lanuv-NRW, Germany, Theo Hafkenscheid, RIVM, Netherlands, Andrzej Jagusiewicz, Chief Inspectorate of Environmental Protection, Warsaw, Poland, Anne Fromage-Mariette, Air Languedoc-Roussillon, France, Peter Woods, NPL, UK, Eddy Goelen, VITO, Belgium.

Plenary Lectures

The plenary lectures will include presentations on:

Regulatory background to monitoring ambient air.

Andrej Kobe, European Commission, Belgium.

Regulatory aspects, in workplace and indoor air.

Eddy Goelen, Vito, Belgium.

Overview of monitoring and recent developments in instruments and techniques.

(to be confirmed)

Alternative monitoring techniques, sensors and miniature automated systems.

(to be confirmed)

The principles of diffusive monitoring.

Martin Ferm, IVL, Sweden.

Validation and QA/QC of monitoring methods.

Theo Hafkenscheid. RIVM, Netherlands.

Why is validation needed; how to do it?

Michel Gerboles, JRC Ispra, Italy.

Invited Papers:

Papers are invited in the subject areas below.

Legislative Aspects of Monitoring

Ecosystems – protection of ecosystems and cultural heritage

Air quality assessment, complying with regulations

Mapping and modelling

Sensors and other devices

Indoor, workplace and personal monitoring.

Emission surveys

Novel Techniques

A one page abstract (200 words maximum) of the proposed paper must be provided by 28th February 2009. 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 30th April 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 included in the poster section of the booklet.

The format for producing the 200 word 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@keristld.com with a copy to conference@aamg-rsc.org.

All authors and presenters will be provided with details of the 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.

Information on discounted hotel rates will be available upon registration.

A partners/spouses programme will be available.