



Sensor Systems for Environmental Monitoring

Conference with Posters and Exhibition

CALL FOR PAPERS

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

Thursday, 14th October 2010

**At The Royal Society of Chemistry,
Burlington House, London**

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

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The Royal Society of Chemistry, Burlington House, London

Introduction

Since the successful conference, 'Chemical Sensors and Biochemical Sensors – Measurement to Control' held by the AAMG in May 2009, it is now considered appropriate for the follow up conference in October 2010 to address the state of art and recent developments in sensor technologies, with a focus on environmental monitoring. Opportunities will be provided for Postgraduate PhD students to give oral and poster presentations related to the theme of the conference. The interest and use of sensing techniques in environmental monitoring has grown rapidly in recent years enhanced by the potential for automation and remote at site measurements with low cost methodologies and miniature instrumentation. This conference offers a good opportunity to bring together scientists involved in this field to exchange experiences and thoughts about the new applications.

Scientific Committee:

Dr R.Narayanaswamy, Professor K. Persaud, Dr C.Walton, Dr P.Quincey,
Dr A. Braithwaite, Dr C.Roxburgh and Dr M. Baron.

Invited Lectures:

Specially invited lecturers will each present an overview and discussion on the following topics:

- Emerging tools for monitoring chemical quality of water**
- Trace vapour sensors**
- Types of sensor systems**
- Pollution monitoring of rivers**

Invited Papers:

Papers are invited in the following subject areas.

- Types of sensors and their application for environmental monitoring**
- Total sensor systems**
- Sensor array techniques**
- Novel sensing systems**

Abstract

A one page abstract (200 words maximum) of the proposed paper must be provided by **Friday, 9th July 2010**. Contributions will be assessed on merit and allocated to an oral or poster presentation. Authors should indicate whether their contribution is for an oral or poster session. Authors will be informed of the Scientific Committee's decision by **31st July 2010**. 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 have their abstracts included in the conference booklet. Papers not chosen for an oral presentation will be included in the poster sessions and their abstracts 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:
ramaier.narayanaswamy@manchester.ac.uk 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. In addition, bona fide PhD research students whose papers are accepted (oral and poster) may also receive a bursary, a limited number of which are available. Each bursary includes a complimentary registration if proof of their status can be provided (e.g letter from supervisor). These would be awarded on a first come first served basis.

Conference information

Advanced delegate registration information may be obtained from the website www.aamg-rsc.org or by contacting the conference secretary at ***conference@aamg-rsc.org***.