

Innovative Chemical Sensing

Conference with Posters and Exhibition

Programme

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

**A one day meeting on
Wednesday 27th June 2018**

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

Email: conf.aamg@gmail.com

Sensors 2018

Innovative Chemical Sensing

Conference with Posters and Exhibition

Wednesday 27th June 2018

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

Introduction

This conference on "Innovative Chemical Sensing" organised by the Analytical Management and Automation Group concerns innovations in monitoring and analysis using sensor technologies. The conference will examine the innovations in the design and application of materials and development of sensors and technologies for monitoring medical, biological, environmental and other related processes.

The conference will be supplemented with poster presentations and exhibition. Abstracts for posters can be submitted until Friday 22nd June 2018.

Programme

10:00 - 10:30 Registration and coffee

Session 1 Healthcare Applications

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| 10:30 | Smart sensing technologies for healthcare and wellness applications
Luigi Occhipinti
University of Cambridge, UK |
| 11:05 | Stretchable sensing systems
Ravinder Dahiya
University of Glasgow, UK |
| 11:40 | 3rd generation high-throughput screening platform for nanomaterials
Nicola William
University of Leeds |

12:10 Textile based sensors
Carol Crean
University of Surrey, UK

12:40 - 13:40 Lunch and Poster session

Session 2 Environmental Applications

13:40 Innovations and solutions for gas sensing in the commercial world
James Covington
University of Warwick, UK

14:15 Development of low cost sensors for urban air quality monitoring and long-term emission measurements
Valerio Ferracci
Cranfield University, UK

14:50 Organic electronics for gas sensors
Suresh Garlapati
University of Manchester, UK

15:20 - 15:40 Tea and Coffee

15:40 Applying machine learning techniques to microwave spectroscopy for the detection of geosmin
Samuel Ryecroft
Liverpool John Moores University, UK

16:10 Droplet microfluidic sensors for in-situ chemical monitoring of natural waters
Adrian Nightingale
University of Southampton

16:40 Concluding remarks

End of conference

How To Register

On-line registration for the conference is straightforward using the AAMG's Eventbrite facility which can be found using the web address below:

<http://www.rsc.org/events/detail/31365/sensors-2018-innovative-chemical-sensing>.

Early registration is requested due to limited number of delegate places and catering requirements.

Registration Fees:	Non Members	£ 95
	RSC & Affiliated Members	£ 65
	Students Researchers	£ 35

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

Payment of registration fees:

By Debit/Credit card via Eventbrite when you make your on-line registration

Venue

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

Registration Contact

Conference Secretary email: conf.aamg@gmail.com

AAMG Treasurer

Dr R Narayanaswamy
Tel +44 (0) 7967 909437

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 if you object.