

Bioanalytical Sensing Technologies

Conference with Posters

Programme

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

A one day meeting on
Tuesday 16th June 2015

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

Email: conference@aamg-rsc.org
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Bioanalytical Sensing Technologies

Conference with Posters and Exhibition

Tuesday 16th June 2015

at The Royal Society of Chemistry, Burlington House, London

09:30 – 10:00 Registration and coffee

Session 1 Biosensor Technologies

Chair: **R. Narayanaswamy - AAMG-RSC**

10:00 Organic Field Effect Transistor Sensors using Peptide Recognition Elements
Mike Turner
University of Manchester, UK

10:30 A Platform Approach for Labelled Electrochemical Immunosensors
Seamus Higson
Cranfield University, UK

11:00 - 11:20 Tea / Coffee

11:20 Sensor Array for Ischemia Monitoring in Endoscopic Surgery
Josep Samitier
Director, IBEC, Barcelona

11:50 Diagnosis of Urological Malignancy using a GC Sensor: the Odoreader
Chris Probert
University of Liverpool, UK

12:20 Leaky Waveguide Biosensors
Nick Goddard
University of Manchester, UK

12:50 - 13:30 Lunch - Exhibition & Poster Session

Session 2 Applications and Informatics

Chair: **Alan Braithwaite - AAMG-RSC**

13:30 Recent Progress in Sensing Virus Infections
Vincent Emery
University of Surrey, UK

14:00 Small Molecule Sensing using Proteins as Specific Recognition Elements
Krishna Persaud
University of Manchester, UK

14:30 The Use of Breath and Headspace Analysis in Disease Diagnosis

Claire Turner

Open University, Cranfield, UK

15:00 - 15:20 Tea / Coffee

15:20 Pattern Recognition for Biological Sensing: Doing it Right

Conrad Bessant

Queen Mary University of London, UK

15:50 Sensors and Brokers: Collecting and Integrating Chemical and Environmental Data

Jeremy Frey

University of Southampton, UK

16:20 Concluding Remarks and End of Conference