

## *Soft Ionisation Mass Spectrometric Techniques and the Environmental Sciences*

University of Birmingham  
7<sup>th</sup> November 2012, afternoon

The need for quantitative and rapid detection of chemical compounds in complex media and at ultra low concentrations provides significant challenges to modern analytical chemistry for applications in the environmental science area. Soft chemical ionisation mass spectrometric techniques can be used to address some of these challenges. The aim of this half-day meeting is to provide a forum for the discussion of recent applications and developments of soft chemical ionisation techniques for use in environmental science research. The meeting is organised jointly between the Molecular Physics Group of the Institute of Physics and the Environmental Chemistry Group of the Royal Society of Chemistry

### Confirmed Speakers:

Prof PS Monks, University of Leicester  
*CIR-MS: From Urban Air Quality to Policy*

Prof CJ Percival, University of Manchester  
*Development of soft ionisation techniques for the detection of atmospheric gases and aerosols*

Dr MA Blitz, University of Leeds  
*Unravelling kinetics and mechanisms of atmospheric reactions using soft ionisation TOF-MS*

Dr F Reich, Kore Technology  
*Soft ionisation sensitivity improvements*

This meeting is free of charge for MPG / ECG members, but attendees are requested to register in advance - for further details please contact Dr Chris Mayhew, (c.mayhew@bham.ac.uk) or Dr William Bloss (w.j.bloss@bham.ac.uk).

**Online registration:** go to [www.rsg.org/ecg](http://www.rsg.org/ecg) and select “forthcoming events”