

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

**University of Birmingham**  
**Wednesday 20<sup>th</sup> November 2013, 1.30pm**

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. New mass spectrometric techniques can be used to address some of these challenges. The aim of this informal half-day meeting series 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 meetings are organised by the Molecular Physics Group of the Institute of Physics and the Environmental Chemistry Group of the Royal Society of Chemistry.

Confirmed Speakers:

**Dr Emily House, Lancaster University**

*Measuring Fluxes of Biogenic Volatile Organic Compounds above the Amazonian Rainforest using PTR-MS (CLAIRE-UK)*

**Prof Jonathan Williams, Max-Planck-Institut für Chemie, Mainz**

*The atmospheric chemistry of Forests, a Forgotten molecule, and a Football match*

**Prof Paul Thomas, Loughborough University**

*Does it have to be blood sweat and tears? Non-invasive approaches to therapeutic measurements, and emergency medicine*

**Prof Armin Wisthaler, University of Innsbruck / Norwegian Institute of Air Research**

*An overview of on-line CIMS methods for the measurement of organic trace gases in the Earth's atmosphere*

The **meeting is free of charge**, but attendees are required to **register in advance** - for further details 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”