

focus on

Mass Spectrometry & Spectroscopy

From Atoms to Biomolecules: Celebrating the technological innovations in mass spectrometry on the 30th anniversary of the development of Fast Atom Bombardment (FAB)

British Mass Spectrometry Society - Annual 3-day Meeting at Cardiff City Hall, 11th - 14th September 2011

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"The BMSS meeting as a whole I found quite inspiring - best science I've been too for a long time", quote from an invited Session Chair in 2010.



After the tremendous success last year of their first conference out of an academic setting, the BMSS are returning to Cardiff City Hall in September 2011.

The purpose of this conference is, in line with BMSS aims, to provide an educational forum to discuss issues and applications associated with the use of mass spectrometers. The conference is designed to include and encourage an open exchange of scientific and methodological applications across all levels of expertise in the technique, and is renowned for its informality and community feel.

The 3-day programme will be filled with an array of sessions featuring an abstract led mix of presentations covering all aspects of science touched upon by mass spectrometry. As in last year's programme the conference will be split into three parallel sessions, so attendees will be able to choose the most relevant talks to their areas of interest.

Invited speakers include:

- Richard Evershed, Professor of Biogeochemistry at the University of Bristol;
- David Muddiman, Professor of Mass Spectrometry at North Carolina State University;
- Andrew Tyler Fellow in Metabolism at Agios Pharmaceuticals (co-author of the second most cited article in Chemical Communications – 'Fast atom bombardment of solids (F.A.B.): a new ion source for mass spectrometry'); and
- Ron Heeren – Head of Bio Imaging Mass Spectrometry (BIMS) Group at AMOLF in the Netherlands.

The meeting also includes other opportunities to learn - there will be two one-day short courses entitled 'Introduction to Mass Spectrometry'. One precedes the conference on Sunday 11th September and the other, with a greater emphasis on the theory and practice of mass spectrometry in clinical applications, runs on Tuesday 13th September.

This is followed on Wednesday by a session on Clinical Applications of MS thus offering a great opportunity for those involved in the growth of MS in this area to not only learn more, but also network with others in their field.



The venue – Cardiff City Hall

There will be further networking opportunities in the New Users Workshop that aims to provide information on careers and roles in mass spectrometry. In addition, the Exhibition will feature all the major manufacturers, service providers and consumable suppliers to help you with your queries. This attracts 30+ exhibitors and many will give a 10-minute talk advertising their latest developments in the Manufacturers' session.

The site will open for abstract submission at the beginning of April with the final deadline on the 3rd June 2011. Abstracts are invited from students, academics, instrument manufacturers and users focussed on the following areas of mass spectrometry:

- Next Generation (Student session);
- Environmental and Food Analysis;
- Manufacturers (10 minute slots each);
- Separation Science for MS;
- Biological Analysis;
- Clinical Analysis;
- Surface/Nano-analysis; and
- Instrument Developments.

There is a packed social programme that includes a networking event on each day of the conference with the conference dinner being hosted at the Millennium Stadium (including a tour).

The outline programme will be advertised on the BMSS website (www.BMSS.org.uk) later in 2011. Come along and join the science.