

Friday 4th April 2014

16:00 Registration Opens
18:30 Drinks Reception

19:15 Evening Buffet Meal
20.15 Quiz – Presented by Tony Bristow

Saturday 5th April

09:00 **Session A** Session Chair–Laura West

09:00 **Welcome and opening remarks from the Conference Chair, Charlie Davis**

09:10 **Electrochemical Explorations: from Graphene to Screen-Printed Electroanalytical Sensors**
Craig Banks, *Manchester Metropolitan University*

09.50 **On-Line Monitoring of Continuous Flow Chemical Synthesis - Demonstration with Portable, Small Footprint Mass Spectrometers from Different Manufacturers**
Tony Bristow, *AstraZeneca*

10:20 **Bright Spark 1 –The Separation and Detection of a Polar Non UV Chromophore Molecule**
Rebekah Byford, *Bristol-Myers Squibb*

10.40 **Poster Pitch Session 1**

10:50 **COFFEE**

11:20 **Session B** Session Chair–Zoe Ayres

11:20 **Pure Brazilian**
Fred Alder, *Retired Professor*

11:50 **Back to Basics: Fundamentals of Ion Chromatography**
Gemma Ellison, *Thermo Fisher Scientific*

12:10 **Beyond the Masses: Ion Mobility Spectrometry and Infrared Spectroscopy of Gas-Phase Peptide Ions**
Bela Paizs, *University of Bangor*

12:40 **Bright Spark 2 –Accelerated Stability and Rapid Product Development – How Automation Helps the Medicine Development Process Along**
Arun Kamath, *AstraZeneca*

13.00 **Poster Pitch Session 2**

13:10 **LUNCH**

14:00 **Session C PART I – Continuing Professional Development**
Mass Spectrometry Interpretation – (2 Sessions Basic & Advanced Level)
Chris Williams, *University of Swansea*
SRG Science Recruitment Group
Tim Berry, *SRG*
Engagement and Outreach: Spectroscopy in a Suitcase
Dayna Mason, *University of Cardiff/RSC*
Online Scientific Resources – The National Chemical Database Service, ChemSpider, and Other Animals
Jack Gibb, *RSC*

15:10 **COFFEE**

15:30 **Session C PART II - Continuing Professional Development**

16:30 **Session D** Session Chair – Charlie Davis

16.30 **Human Exposure to Arsenic from Rice and Finding Solutions for Lowering Arsenic Exposure and Toxicity**
Parvez Haris, *University of De Montfort*

17:00 **Closing announcements followed by free time**

19.30 **Drinks reception with “Brazilian World Cup” fancy dress – Prizes for the best costumes!**

20.15 **Dinner followed by Disco**

Sunday 6th April 2014

- 09:30 **Session E** Session Chair–Chris Williams
- 09:30 **From the Group Stages to the Second Round – An Overview of Early Career Progression**
Jonathan Jones, *Waters Corporation*
- 10.00 **Bright Spark 3 –Fuel Compatible Marking Systems**
Sophie Moore, *University of Lincoln*
- 10.20 **Optimising Home Chemotherapy Through Analytical Research: The Physiochemical Stability of Mesna using LC-MS/MS and NMR**
Dahlia Salman, *University of Kingston*
- 10.40 **Analysis of Performance Enhancing Drugs at Major Sporting Events**
Simon Minchin, *Biotage Ltd*

11:00 **COFFEE**

- 11:20 **Session F** Session Chair–Grace Lewis
- 11:20 **Back to Basics: Principles of Scanning Electron Microscopy**
Charlene Butler, *University of Wolverhampton*
- 11:40 **Bright Spark 4 –Erythritol Tetranitrate: The Lifecycle of an Explosive Threat**
Michael O'Donnell, *Forensic Explosives Laboratory (DSTL)*
- 12:00 **Leaky Waveguides for Detection, Sensing and Spectroscopy**
Ruchi Gupta, *University of Manchester*
- 12:30 **Bright Spark 5 –A New Electrochemical Approach for the Determination of Trace Carcinogenic Impurities in Pharmaceuticals**
Robert Channon, *University of Warwick*

13:00 **LUNCH**

- 14.00 **Session G** Session Chair–Charlene Butler
- 14.00 **From Bench to Business: Mad Cows & Bioanalysis**
David Perrett, *Barts &The London School of Medicine and Dentistry*

14.40 **Closing Remarks and Prize Presentations**

Prizes Include:

- HSBC Poster Prize
- North West Analytical Division (NWAD) Poster Prize
- Texere Publishing Poster Prize
- Separation Science Group Poster Prize
- Separation Science Group Bright Spark Prize
- Waters Bright Spark Prize

15.00 **EAP 2015 Committee Meeting (new members welcome)**