

ARF 2017 Programme (<http://rsc.li/arf17>)

09:15	Registration, Tea and Coffee
10.00	Welcome and Introductions
10.05 INV01	Invited lecture: Elaine Holmes (Imperial College) <i>Metabonomic technology and its applications</i>
10:35 O01	Contributed talk: Remy Gavard (University of Warwick) <i>Themis: batch pre-processing for ultrahigh resolution petroleomics data</i>
10:50 O02	Contributed talk: Mark Heslop (University of Sheffield) <i>New composition detector for gas chromatography based on viscosity</i>
11:05	Flash Presentations
11:30	Tea and Coffee Break
12:00 INV02	Invited lecture: Perdita Barran (University of Manchester) <i>The use of Ion Mobility Mass Spectrometry to define Molecular Flexibility</i>
12:30 O03	Contributed talk: Eoin Murray (Dublin City University) <i>Miniaturised capillary ion chromatography with indirect UV detection for anion analysis in water</i>
12:45	Flash Presentations
13:10	Lunch and poster Session
14:15 INV03	Invited lecture: David Pegg (National Gallery, London) <i>Hidden Rembrandt: How analytical chemistry can provide us with new information about Old Master paintings</i>
14:45 O04	Contributed talk: Giorgia Marucci (Northumbria University) <i>Artists' materials and palette changes: non-invasive in-situ investigations on late XIII century law manuscript</i>
15:00 O05	Contributed talk: Becki Scott (KU Leuven) <i>Provenancing archaeological ceramic objects in the Caribbean using portable XRF</i>
15:15 O06	Contributed talk: Sarah Hampson (Loughborough University) <i>3D printed optical and electrochemical microfluidics for particle analysis</i>
15:30	Tea and Coffee break
16:00 INV04	Ronald Belcher Award talk: Zoe Ayres (University of Warwick) <i>Controlled sp² addition to Boron-Doped Diamond: Development of an oxygen insensitive voltammetric pH Sensor</i>
16:20 O07	Contributed talk: Thomas Smith (University of Sheffield) <i>Cavity Enhanced Raman Spectroscopy (CERS) – A novel, selective and in situ approach for monitoring the aerobic and anaerobic metabolism of Escherichia coli</i>
16:35 INV05	Invited lecture: Tony Ricco (NASA research laboratory) <i>Integrated Microfluidic Bioanalytical Systems: Monitoring Microbial Cultures in Outer Space</i>
17:05	Guest Lecture: Matthew Partridge (Cranfield University)
18:00	Final remarks, poster prize presentations, photos
18:15	Drinks and Evening Buffet and networking