

# Analytical Research Forum 2018 (ARF18)



20 June 2018  
London, UK

<http://rsc.li/arf18>

09:15	<b>Registration, Tea and Coffee</b>
10.00	<b>Welcome and Introductions</b>
10.05 INV01	<b>Invited lecture</b> <b>Practical issues with extraction and analysis of volatiles by GCMS</b> <i>Kieran Kilcawley, Teagasc Food Research Centre, Ireland</i>
10:35 INV02	<b>Invited lecture</b> <b>Development of SERS and SESORRS for multiplexed bioanalysis</b> <i>Karen Faulds, University of Strathclyde, UK</i>
11:05 O01	<b>Contributed talk</b> <b>Understanding electroanalytical measurements in authentic human saliva leading to the detection of salivary uric acid</b> <i>Kamonwad Ngamchuea, University of Oxford, UK</i>
11:20 O02	<b>Contributed talk</b> <b>Biosensors for the detection of biological evidence</b> <i>James Gooch, King's College London, UK</i>
11:35 O03	<b>Contributed talk</b> <b>Improving the interpretation of small molecule diffusion coefficients</b> <i>Rob Evans, Aston University, UK</i>
11:50 INV03	<b>Ronald Belcher Award talk</b> <b>Gradients, gels and images: the analysis of NMR invisible soft Matter using NMR spectroscopy</b> <i>Matthew Wallace, University of East Anglia, UK</i>
12:20	<b>Lunch and poster session</b>
14:00 INV04	<b>Invited lecture</b> <b>Analysis of the sniffing behaviour in disease detection dogs – the future</b> <i>Clare Guest, Medical Detection Dogs, UK</i>
14:30 O04	<b>Contributed talk</b> <b>The 'whiff' of death - identification of volatile organic compounds from single organ and whole mammal decomposition</b> <i>Jonathon Brooks, University of Leicester, UK</i>
14:45 O05	<b>Contributed talk</b> <b>Materials for wound dressings with embedded sensors</b> <i>Sonal Nandanwar, University of Birmingham, UK</i>
15:00 O06	<b>Contributed talk</b> <b>Environmental impact of microplastic fibre release from laundry</b> <i>Madusha Peththawadu, Northumbria University, UK</i>
15:15 INV05	<b>Invited lecture</b> <b>From Barnsley to Cambridge via Africa. a journey in analytical chemistry</b> <i>Steve Lancaster, Domino Printing Sciences, UK</i>
15:45	<b>Refreshments and poster session</b>

16:15 INV06	<b>Invited Lecture</b> <b>PACN GCMS International Training in Ghana – Enhancing Practical Analytical Skills in Africa towards solving local challenges</b> <i>Ray Bright Voegborlo, Kwame Nkrumah University of Science &amp; Technology, Ghana</i>
16:45	<b>Guest Lecture</b> <b>TBC</b> <i>Christopher Smith, University of Cambridge, UK</i>
17:30	<b>Final remarks and poster prize presentations</b>
17:45	<b>Drinks reception</b>
18:45	<b>Close</b>