



Programme is subject to change

Monday 13 June 2022 – Online only

Please note all times are BST

10:45	Welcome to ARF22 and introduction
11:00	“Experiences of belonging in the chemical sciences” Panel Discussion 1 <i>Hear from panellists’ personal experiences of how belonging or not-belonging has influenced their journeys, and on the importance of creating a culture of belonging to foster inclusion and diversity in chemistry.</i>
12:00	“Careers in Analytical Science” Panel discussion 2 <i>An interactive discussion where analytical scientists from across academia and industry share their career experiences in analytical science.</i> Panel speakers: Azzedine Dabo (Investigator, GSK) Catia Costa (Ion Beam Centre, University of Surrey) Philippa Ross (Analytical Journals, RSC) Zoë Ayres (Analytical Scientist and Mental Health Campaigner) Mark Platt (University of Loughborough)
13:00	Online networking
13:30	Online poster presentations
15:30	End of day remarks



Tuesday 14 June 2022 (Burlington House and streamed online)
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09.30	Registration
10.15	Welcome and introductions Diane Turner, Analytical Division President
10.25	Session one introduction Session chair: Leon Barron
10:30	Formulated Products under the Microscope Natalie Belsey <i>National Physical Laboratory/University of Surrey, United Kingdom</i>
10:55	Novel gaseous reference materials for calibrating chemical ionisation mass spectrometers Yoana Hristova <i>National Physical Laboratory, UK</i>
11.15	Combining high-resolution mass spectrometry with migration testing to evaluate the suitability of Direct Black 19 in inks designed for food packaging. Marco Albertini <i>Domino Printing Sciences plc, UK</i>
11.35	Determining the titratable properties of aqueous and non-aqueous samples by ¹H NMR Matthew Wallace <i>University of East Anglia, UK</i>
11.55	Microfluidic Sample Preparation of Mammoth Tooth Enamel for Amino Acid Dating Laila Patinglag <i>Manchester Metropolitan University, UK</i>
12:15	Lunch and Poster Presentations
12:55	Session two introduction Session chairs: Vicky Hilborne
13:00	Detecting metal-ligand complexes in atmospheric aerosols: analytical challenges and advancements Chiara Giorio <i>University of Cambridge, UK</i>
13:25	Development of electrochemical Immunosensor for Detecting PCBs (polychlorinated biphenyls) in the Environment Samia Alsefri <i>University College Cork, Ireland</i>
13:45	Can portable Arduino sensors indicate levels of exposure to particulate matter (PM1-PM10) and potential exposure to PAHs? Maria Cocco <i>UCL, UK</i>
14:05	How usage of chemicals of emerging concern during the pandemic impacted the River Thames and its tributaries Melanie Egli <i>Imperial College London, UK</i>
14:25	Targeted pH switched europium(III) complexes for monitoring receptor internalisation in living cells



	Jack Fradgley <i>Durham University, UK</i>
14:45	Break and Poster session
15:25	Session three introduction Session chairs: Diane Turner
15:30	Novel Optical Biosensors with Integrated Sample Manipulation Ruchi Gupta <i>University of Birmingham, UK</i>
15:55	SERS-based lateral flow assay for the rapid and ultra-sensitive diagnosis of bacterial infection Waleed Hassanain <i>University of Strathclyde, UK</i>
16:15	Rapid detection of trace quantities of explosives using deployable ambient ionisation mass spectrometry Simone Mathias <i>University of Surrey, UK</i>
16:35	A lightning 30 minute journey through the career of an Analytical Scientist David Cowan <i>King's College London, UK</i>
17:10	Poster prizes Concluding remarks
17:25	Reception
18:00	Close of sessions