

Analytical research forum 2026 (ARF26)

15 June 2026 | London, UK



Monday 15 June 2026 (All times are BST)

09.30	Registration and refreshments
10.00	Welcome and introductions Philip Kay (Chair), <i>JMP, UK</i>
	Session one (Session chair:)
10:05	Automated Structural Verification of Small Molecules by NMR Chemical Shift Analysis Kate Kemsley <i>University of East Anglia, UK</i>
10:30	Vibrational Circular Dichroism (VCD) spectroscopy for the rapid detection of synthetic adulteration Amy Jackson <i>University of Exeter/PepsiCo, UK</i>
10:45	Hyperspectrograms: Advancing hyperspectral image representation and chemometric strategies for next-generation pharmaceutical quality control Lukasz Pieszczyk <i>University of Silesia in Katowice, Poland</i>
11:00	A novel analytical technique using tailored giant-index plasmonic metamaterials for high-sensitivity surface-enhanced IR and Raman spectroscopies Nicolas Spiesshofer <i>University of Cambridge, UK</i>
11.15	Short break – water available
	Session two (Session chair:)
11.25	Panel discussion: AI in analytical science Chris Barnes <i>National Physical Laboratory (NPL), UK</i> Kate Kemsley <i>University of East Anglia, UK</i> Lucy Morgan <i>Pfizer, UK</i> Cian O'Donovan <i>University College London, UK</i>
12.15	Lunch and poster session
	Session three (Session chair:)
13:00	Using a combination of NMR and FT-ICR-MS to examine peatland health and water quality Nicholle Bell <i>University of Edinburgh, UK</i>
13.25	Direct chemical analysis of picolitre droplets for native protein analysis and accelerated digestion Jim Walker <i>University of Bristol, UK</i>

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13:40	Development of a solid phase extraction (SPE)-based low-volume active air sampling device for Ionic PFAS Amoluck Eluri Coventry University, UK, Deakin University, Australia
13:55	Method development for trace level Sulphur impurities in hydrogen via GC-SCD Linga Reddy Enakonda National Physical Laboratory (NPL), UK
14.10	Poster session and refreshments
	Session four (Session chair:)
15.30	Advancing analytical chemistry for public safety: portable photochemical fingerprinting for real-world synthetic drug detection and harm reduction Stephen Husbands <i>University of Bath, UK</i>
15:55	Analytical techniques to study the formation and structure of homogentisic acid derived pigment Harriet Willett University of Liverpool, UK
16:10	Optimising a platform for SIMS-PIXE multi-modal analysis Ahmed M. A. Abdelhamed University of Surrey, UK
16:25	The ascendance of multi-reflection analyzers Hamish Stewart <i>Thermo Fisher Scientific, Germany</i>
16:50	Prize presentations and concluding remarks
17.00	Drinks reception and networking
18.00	Close