

THE BRITISH MASS SPECTROMETRY SOCIETY

AMBIENT IONISATION 2026



★ GREEN PARK CONFERENCE
CENTRE READING UK

★ 28 JAN 2026



2026 Invited lecture:
Dr Simon Cameron (Queens University Belfast)
*'AMBIENT IONISATION FOR FOOD ANALYSIS:
CHALLENGES AND OPPORTUNITIES ACROSS DIFFERENT
METHODS AND MATRICES'*

ABSTRACT SUBMISSION OPEN NOW FOR FULL POSTER PRESENTATIONS
[\(CLICK HERE FOR DETAILS\)](#)

ONLINE REGISTRATION CLOSES 16TH JAN

- BMSS MEMBERS £50.00
- NON-MEMBERS £80.00

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BRITISH MASS SPECTROMETRY SOCIETY

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Ambient Ionisation Special Interest Group Meeting

January 2026 – Reading

09:00 - 10:00	Registration, Coffee, Posters and Exhibition
10:00 - 10:05	Seminar Opening – Dr Patrick Sears
10:05 - 10:50	Ambient Ionisation for Food Analysis: Challenges and Opportunities Across Different Methods and Matrices Simon Cameron, Queens University
10:50 - 11:10	Rapid Differentiation of Brain Tumour and Normal Tissue Using Atmospheric Solids Analysis Probe Mass Spectrometry Liwen Song, University of Oxford
11:10 - 11:30	Real-Time SICRIT-TOF Breath Profiling of Coffee and Peppermint Capsule Ingestion Shahd Abuhelal, Imperial College
11:30 - 11:50	Inter-laboratory Comparison of Ambient Ionisation Quantification Strategies Vanshni Vekereya, LGC
11:50 - 12:00	ASAP-MS for in-situ analysis of synthetic opioids in latent and developed fingermarks Katrina Cranfield, Loughborough University
12:00 - 13:30	Lunch, Exhibition and Posters
13:30 - 13:50	DESI - High mass and Image resolution at speed - on a bench top mass spectrometer. Mark Towers, Waters
13:50 - 14:10	Optimisation of ASAP-MS with a Waters RADIANT to differentiate Antihistamine pharmaceuticals and their manufacturers Chris Hopley, University of Surrey
14:10 - 14:20	A Novel CCS Calibration Strategy for SICRIT-IMS Using Quantum Chemistry-modelled Background Ions Amar Rai, Imperial College
14:20 - 15:00	Coffee, Exhibition and Posters
15:00 - 15:20	6-Month Outcomes of PEMF to Plasma-Sources Revealing Pain Relief, Stress Relief and Anti-Ageing Homeostatic Restoration Chris Mitchell, Çis
15:20 - 15:30	Beyond Library Matches: Class Identification Using <u>In</u> Source Fragment Scott Campbell, SpectralWorks
15:30 - 15:40	Exploring the applications of single picolitre droplet mass spectrometry Edward Neil, University of Bristol
15:40 - 16:00	Using mass spectrometry for teaching - challenges and opportunities Patrick Sears, University of Surrey
16:00 - 16:10	Seminar Close, Award – Dr Andrew Ray – BMSS Chair