

# 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 16<sup>TH</sup> JAN

- BMSS MEMBERS £50.00
- NON-MEMBERS £80.00



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# Ambient Ionisation Special Interest Group Meeting

January 2026 – Reading

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