

UK IRMS User Meeting - Agenda

Manchester Museum

10th September (Day 1)

Time	Event	Speaker/responsible person
9:30	Welcome and coffee/pastries	
10:30	Introduction	Paul Wheeler, General Manager, Elementar UK
10:45	Intro to the Elementar Product portfolio	Jon Metters, Technical Sales Team Lead, Elementar UK
11:00	KEYNOTE 1: Using stable isotopes as tools to solve the Rumsfeld matrix in ecology	Chris Harrod, University of Glasgow
11:45	Presentation: Fate of terrestrial derived organic nitrogen in Arctic marine sediments	Bart Van Dongen, Manchester University
12:05	Presentation: HPLC-SEC-irMS for improved understanding of dissolved organic matter cycling	Ryan Pereira, Heriot-Watt University
12:25	Lunch	
13:30	KEYNOTE 2: Expanding the GC-IRMS analytical window to higher temperatures and more complex biomolecules	Rich Pancost, University of Bristol
14:35	Presentation: Using the isoFLOW GHG to detect $^{15}\text{N}_2$ field denitrification fluxes via the optimised ^{15}N -Gas Flux method	Fotis Sgouridis, Bristol University
14:15	Presentation: Plant Soil Systems at the University of Edinburgh	Ben Jackson, Edinburgh University
14:55	Paleoclimate studies with iso DUAL INLET	Mike Seed, Sales & Product Manager
15:25	Refreshments	
15:45	LyticOS Software Suite Workshop Tips and tricks, data processing, method workflows	Calum Preece, Environmental Product Manager
16:45	Finish	
19:00	Social event	Three Little Words 10-15 Watson St, M3 4LP

11th September (Day 2)

Time	Event	Speaker/Responsible
09:00	Welcome and coffee/pastries	
09:30	Introduction and review	Jon Metters
09:40	KEYNOTE 3: Elementar at the BGS's National Environmental Isotope Facility	Andi Smith, British Geological Survey
10:25	Refreshments	
10:55	Presentation: Proof of concept study to determine whether Stable Isotope Ratio Analysis (SIRA) can be used to determine the geographical origins of <i>Ips typographus</i>	Katharina Heinrich, FERA
11:15	Presentation: Chasing small sulfur peaks in bone collagen samples: troubleshooting memory and carry-over effects	Corrie Hyland, Oxford University
11:35	The view from an engineer Working with the Elementar service team	Leon Krekoor, Senior Field Service Engineer, Elementar UK
12:00	Lunch provided	
13:00	Presentation: Analysis of dissolved nitrate stable isotopes using the one-step Ti (III) reduction method and EnvirovisION IRMS	Calum Preece, Elementar UK
13:20	Presentation: Re-determination of R(13C/12C) for Vienna Peedee Belemnite (VPDB)	Phil Dunn, LGC
13:40	Presentation: New developments and applications in the field of high precision noble gas measurements using IRMS	Michael Broadley, Manchester University
14:00	Summing up and closing remarks	Paul Wheeler, Elementar
14:20	Finish - refreshments available	