Gas Analysis & Sensing Group – 95th Meeting

‘Ammonia Mania’

26th November 2026
Wellcome Collection, London

10:15	**Registration & Coffee**
10:40	**Introduction by Morning Session Chair** Ned Plackett (AWE)
10:45	**Breath Ammonia Sensing: Challenges and Opportunities** Professor Tony Killard (University College London)
11:10	**From Pavlov to Microbiome: The Enduring Story of Ammonia and the Liver** Professor Debbie Shawcross (King’s College London)
11:35	**Why Ammonia Sensor Measurement Success is Important for Environmental Science** Dr Christine Braban (UK Centre for Ecology and Hydrology)
12:00	**Don’t Drop the Bass: The Perils of Sampling Atmospheric Ammonia** Dr Scott Herndon (Aerodyne Research) - ***Online Speaker***
12:25 -13:55	**Lunch, Networking & Wellcome Collection Browsing**
13:55	**GASG AGM –** Jane Hodgkinson (Cranfield University & GASG Chair)

14:05	**Introduction by Afternoon Session Chair** Colin Edge (GASG)
14:10	**Ammonia Monitoring for Regulation** Dr Rob Kinnersley (Environment Agency)
14.35	**FTIR Analysis of Ammonia and Amines: Challenges, Opportunities and Application** Dr Victoria Brewster (Protea Ltd)
15:00	**Ammonia as Hydrogen Carrier and Zero-Carbon Fuel: Opportunities and Challenges for the Energy Transition** Dr Mingming Zhu (Cranfield University)
15:25	**Ammonia as a Fuel for Heavy Duty Engines: From Laboratory Implementation to Emissions Control** Abin Mathew (Brunel University)
15:50	**Refreshments and Networking**
16:15	**Close of Meeting**