



Gas Analysis & Sensing Group – 94th Meeting

‘Light Matters - Optical Sensing of Gases & Particles’

25th June 2026

**Thom Building (LR3), Department of Engineering Science, University
of Oxford**

- | | |
|----------------------|---|
| 10:15 | Registration & Coffee (Foyer between LR1 and LR2) |
| 11:00 | Introduction by Morning Session Chair
Charles Cummings (QinetiQ) |
| 11:05 | Continuous Monitoring of Air Quality in Road Tunnels
Colin Edge (GASG/Dynoptic) |
| 11:30 | Tuneable Diode Laser Spectroscopy-based Methane Detection Using
Hollow-core Fibre
Nicholas Davis (Cranfield University) |
| 11:55 | Combined Temperature, H₂O and CO₂ Concentration Tomography
From an APU
Cameron Mein (University of Strathclyde) |
| <hr/> | |
| 12:20 - 13:50 | Lunch in Foyer |
| <hr/> | |

- 13:50** **Introduction by Afternoon Session Chair**
Charles Cummings (QinetiQ)
- 13:55** **Digital Sensing of Ultrafine Particles Using Photon Counting**
Jason Smith (University of Oxford))
- 14:20** **Senseair, a Pioneer in NDIR Gas Sensor Development**
Benoit Wastine (Senseair)
- 14:45** **Recent Developments in Frequency Comb Spectroscopy for Gas Sensing**
Lok Yiu (Kathy) Wu (University of Birmingham)
-
- 15:10** **Refreshments and Networking**
- 15:40** **Close of Meeting**
-