



Gas Analysis & Sensing Group – 91st Meeting

‘Staying Safe - Defence, Security and Space’

26th June 2025

Location: Imperial War Museum, Duxford, Cambridge CB22 4QR

- 10:15** **Registration & Coffee**
- 10:40** **Introduction to the morning session**
Charles Cummings, Morning Chair
- 10:45** **Plenary Lecture: Novel solution using FTIR measurements has set a new standard for multi-gas monitoring inside the International Space Station**
Atle Honne, SINTEF
- 11:30** **In Mask Gas, Flow and Pressure Monitoring during fast jet flight**
Matt Evans and Christoph Osterloh, Drägerwerk AG & Co. KGaA
- 11:55** **Engine Room Gas Monitoring on Submarines**
Nathan Stevenson, Analox

12:20 -13:40 Lunch, Networking & Museum

- 13:40** **Introduction to the afternoon session / In memory of Dr Joe Watson**
Norman Ratcliffe, Afternoon Chair & Jane Hodgkinson, Memorial

- 13:45** **Plenary Lecture (Virtual): – Spaceflight Atmospheric Monitoring: An Historical Perspective and Future Needs**
Billy Wallace, NASA
- 14:30** **Operating a micro-sized company in the defence sector**
Rob Newbury, Newbury Electronic Services Ltd
- 14:55** **Gas analysis in enclosed atmospheres, Case Study of introducing battery systems**
Charles Cummings, QinetiQ
- 15:20** **Chemical sniffing for tackling the threat**
Licia Dossi, Cranfield University
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- 15:45** **Tea and networking**
- 16:30** **Close of Meeting**
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