



**Workshop on Advanced Optical Spectroscopy for Gas Detection
5th November 2020**

Co-Hosts: Tuomas Hieta (Gasera) & Geoff Barwood (NPL)

Locations Microsoft Teams (link to be circulated on registration)
NPL, Teddington (please confirm on-site meeting attendance by
registering in advance). Please register by **5th October 2020**

Preliminary programme (20-minute talks + 5-minute questions)

09:00 Arrival & coffee
09:15 Welcome

Introduction – sensing applications and laser spectroscopy

09:30 Gasera (Optical gas sensing applications)
09:55 NPL (Introduction to laser spectroscopy)

Cavity-based techniques

10:20 NPL (NICE-OHMS)
10:45 VSL (Heleen Meuzelaar)

11:10 Tea/ Coffee break

Single laser frequency spectroscopic techniques

11:30 Timo Rajamäki (VTT, Optoseven)
11:55 PTB (speaker to be confirmed)
12:20 Richard Kovacich (Mirico)
12:45 Gasera (15-minute slot)

13:00 Lunch

Comb-based techniques

14:00 To be announced
14:25 Markus Mangold (IR Sweep)
14:50 Lucile Rutkowski (Université de Rennes)
15:15 Tobias Herr (Swiss Centre for Electronics and Microtechnology)

15:40 Tea/ Coffee break
16:15 Lab tours (for attendees on-site at NPL)