



Infrared and Raman Discussion Group
Christmas Meeting 2023



Programme for the 230th IRDG meeting

to be held on

Wednesday 20th December 2023

at

University College London

in the Wilkins Old Refectory, Main Campus, Gower Street, London WC1E 6AE

Programme

- 10:00 Registration and Coffee
- 10:25 Welcome and Introduction
- 10:30- **Keynote Lecture:**
11:00 **Craig Prater (Williams Wright Awardee / Photothermal Spectroscopy Corp, USA)**
Emergence of super-resolution photothermal infrared spectroscopy
- 11:00- **Priyanka Dey (University of Portsmouth)**
11:20 *Lego structures made of gold nanoparticles for SERS and SESORS*
- 11:20- **Georg Ramer (TU Wien, Austria)**
11:40 *Mid-IR chemical imaging at the nanoscale*
- 11:40- **Sarah Sibug-Torres (University of Cambridge)**
12:00 *Recleanable microfluidic SERS substrates to enable the Intelligent Toilet for low-cost healthcare sensing*
- 12:00- **Susan Quinn (University College Dublin, Ireland)**
12:20 *Good vibrations: Tracking DNA processes using photo-excited infrared probes*
- 12:30 **Christmas Lunch**
- 14:50- **Wren Montgomery (Natural History Museum)**
15:20 *A light at the museum: FTIR spectroscopy and natural history*
- 15:20- **Paul Pudney (Unilever)**
15:50 *Looking good for Christmas: Spectroscopy in the beauty and personal care industry*
- 15:50 IRDG AGM
- 16:30 End of Formal Proceedings

REGISTRATION DETAILS

There is an online booking form which is the preferred method of registering your booking, to save both your time and our admin. You need to log in first.

Go to the website www.irdg.org/member and **either**

- log in (this applies if we have emailed you before - for the first time you log in, you will need to click "Request new password" www.irdg.org/member/password), **or, if new to us,**
- register on the site www.irdg.org/member/register.

Full details are given here: www.irdg.org/join-and-book

Registration closes 8th December 2023 and includes IRDG membership for 2024.

- £55 for bona fide students
- £65 unemployed/retired delegates
- £140 for employed
- £ 0 for our Speakers
- Our Sponsor delegates & Honorary Life Members have a reduction for membership

Please note that numbers will be restricted to 140 delegates. No registrations will be possible on the day of the meeting. Payment can be made by credit card via Paypal, or by bank transfer to: "IRDG", Lloyds Bank, Sort code: 77-01-05 Account No: 53595560

We thank our generous Sponsors

The meeting is supported by our sponsors. In particular, their generosity helps the IRDG to continue to support students, early career academics and industrialists to help establish themselves in the field of infrared and vibrational spectroscopy. The event provides a friendly environment for people to network and discuss their science. The IRDG are very grateful to our generous sponsors throughout 2023:

