



Infrared & Raman Discussion Group

Registered Charity No 1153832



## Infrared and Raman Discussion Group Meeting Christmas 2018



Programme for the 222<sup>nd</sup> IRDG meeting to be held on Thursday 20<sup>th</sup> December 2018.

### University College London in the Wilkins Old Refectory

(Please note that UCL is located near Euston Square Underground and the Gower Street Entrance should be used for this event <https://www.ucl.ac.uk/maps/downloads/ucl-central-london.jpeg>)

### Programme

10:00	<b>Registration and Coffee</b> <i>Wilkins South Cloisters</i>
10:25	<b>Welcome and Introduction</b> <i>Mike George (University of Nottingham)</i>
10:30	<b>Studying Electrocatalytic Mechanisms using Vibrational Sum Frequency Generation Spectroscopy</b> <i>Alex Cowan (Liverpool University)</i>
11:00	<b>Facing a Sticky Situation – an FTIR Investigation of Ancient Encaustic Binding Media on Roman Period Egyptian Mummy Portraits</b> <i>Joanne Dyer (British Museum)</i>
11:30	<b>Developing a Non-invasive Spectroscopic Technique for Detecting Liver Damage</b> <i>Martin &amp; Willis Prize winning lecture Katherine Ember (University of Edinburgh)</i>
11:55	<b>Vibrational Spectroscopy at AWE: Applications and Development</b> <i>James Calladine (AWE)</i>
12:25	<b>Christmas Lunch</b> <i>Four Course Christmas Lunch</i>
14:45	<b>SERS and Brexit- Taking Back Control</b> <i>Steve Bell (Queen's University Belfast)</i>
15:15	<b>Using Frequency Combs in a new Approach for Mid-infrared Spectroscopy: Operating Principles and New Applications</b> <i>Raphael Horvath (IR Sweep)</i>
15:45	<b>New Mid-IR Laser Based Schemes for Gas and Liquid Sensing</b> <i>Bernhard Lendl (Vienna University of Technology)</i>
16:15	<b>IRDG AGM</b>
16:30	<b>Poster Session</b> <i>Wilkins South Cloisters for Scientific Discussion, Drinks and Nibbles</i>

## REGISTRATION DETAILS

Priority registration for members only until **23rd November 2018**

Registration closes **14th December 2018**

- £45 for bona fide students (includes £3 membership for 2019-2021)
- £60 unemployed/retired delegates (includes £3 membership for 2019-2021)
- £85 for employed members
- £100 for employed (includes £15 membership for 2019-2021)

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 either cheque (payable to 'IRDG'), by bank transfer (sort code: 77-01-05 and Acc No: 53595560), or credit card using Paypal (IRDG Website).

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Name	Address	Email	Poster	Category

Vegetarians	
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Total	
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Payment method	
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Return completed registration form selecting payment method, including the names of the attendees and add poster details (where required) by **Friday 14th December 2018** to:

Dr Chris Stapleton  
15 Nethermere Lane  
Strelley  
Nottingham  
NG8 6FA

Or (preferably) by email: [meetings@irdg.org](mailto:meetings@irdg.org)

As a membership organisation, we want to ensure members are kept up to date with IRDG activities (meetings and awards) or activities that are relevant to the IRDG community and we wish to continue to be able to share this information with you as a member of the IRDG. We will not share your data with any external organisation and it will be used only in relation to IRDG. If you do not wish to be contacted by the IRDG or have your contacted details stored as a member or past member or student member then please tick the following box.

## Sponsors

The poster session is supported by our sponsors. Their generosity helps the IRDG to continue to support students, early career academics and industrialist establish themselves in the field of infrared and vibrational spectroscopy. The poster session provides a friendly environment for people to network and discuss their science. IRDG are very grateful to our generous sponsors.

Our 2018 sponsors are:



In 2019 we are pleased to welcome Metrohm as a new sponsor to the IRDG!