

Enquiries

General organisation

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Registration enquiries

Conferences (Institute of Physics)
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Organising committee:

Professor Brian Gerardot, Heriot-Watt University
Dr Erik Gauger, Heriot-Watt University
Dr Edward Laird, University of Oxford

Disclaimer

The Institute of Physics and their approved representatives cannot take responsibility for any accident, loss or damage to participants or their property during the conference.

Location

The conference will take place at Dynamic Earth, Edinburgh, EH8 8AS, UK. The main presentations will take place in the Biosphere Suite and the posters and exhibition in the Ozone/Stratosphere.

Venue

Dynamic Earth

112-116 Holyrood Gait
Edinburgh
EH8 8AS
Direct tel: +44 (0)131 550 7800

For more information on the venue, please visit the website <http://www.dynamicearth.co.uk/>

Registration

The registration desk will be situated in the Stratosphere by the main reception, on the 3rd floor of the building. The registration desk will be open at the following times:

Date	Times
Friday 13 January 2017	08:15 – 17:30

On arrival, each participant will receive a delegate pack containing a badge, programme, delegate list, folder, notepad and pen. Please wear your badge at all times because this will help with security and enable you to identify your fellow delegates. Replacement badges can be issued at the registration desk.

The **conference abstract book** will be made available to delegates as a PDF file, in advance of the conference. The abstract book will also be made available in hardcopy at the conference.

Catering

Lunches and refreshments are included in the registration fee and served in the Ozone/Stratosphere at set times during the conference programme.

Friday 13 January 2017		
Arrival refreshments	08:15 - 08:50	Ozone/Stratosphere
Mid-morning break	10:30 - 11:00	Ozone/Stratosphere
Lunch and poster session	12:30 - 14:00	Ozone/Stratosphere
Afternoon refreshments and poster session	15:30 - 16:00	Ozone/Stratosphere

Dietary requirements

Participants with special dietary requirements are asked to notify the conference office by e-mail prior to their arrival if they have not already done so when registering. Those with special dietary requirements are asked to make themselves known to the catering team. It will not be possible to provide an alternative menu unless prior notification has been received.

Nut allergies – unfortunately the venue cannot provide assurances that food has not been cross-contaminated with traces of nuts during ingredient processing at manufacture’s sites, and during food preparation and on-site. For this reason, we are unable to provide guarantees that any of the food served is free from nuts or trace elements. Please e-mail jon.roe@iop.org if you have any queries.

Accommodation

Participants should make their own arrangements for accommodation. Please visit <https://www.visitscotland.com/accommodation/> to see a list of hotels in Edinburgh.

There is a lot of affordable accommodation within the city providing you book early enough. Hotel Ibis, Jury's Inn and Holiday Inn offer great value for money and are located within walking distance of the conference venue. We are aware that it is a time of year where if you don't book early enough, rooms are going to be hard to come by so if you have any questions regarding your accommodation, email jon.roe@iop.org.

Presenter's information

The facilities available in the Biosphere Suite are:

- Laptop, Data Projector and Screen
- Lectern with Microphone
- 2 x hand held roving microphones

Suggest backing up your files, emailing to yourself and bringing on USB stick. If using a mac please supply an adapter. An adapter is available in emergencies but best to bring your own.

Speakers wishing to use additional audio-visual equipment or intending to present from a Macintosh computer are asked to contact Jon Roe (jon.roe@iop.org) before the conference.

To optimise compatibility, particularly for the inclusion of multimedia components, PowerPoint presentations should have been saved using PowerPoint's "Package for CD" facility. Direct connection of personal laptops (with set up in the break prior to the corresponding session) is an acceptable but not preferred alternative.

The lecture theatre is reasonably large, and speakers should use a minimum 15-point font size in PowerPoint slides to ensure legibility.

Presenters are asked to prepare their talks to match the allocated times which will be rigidly enforced and should allow time for questions. Contributed talks 12 + 3 and Invited 25 + 5 for example.

- Invited talks (30 minutes)
- Contributed talks (15 minutes)

Programme


Please refer to the website at <http://quantumdot.iopconfs.org/programme> for the latest programme and information.

General Information

All other information regarding the venue can be found via the following link <http://www.dynamicearth.co.uk/>. Parking is available and you can find out further information by visiting their website.

Exhibition

An exhibition of scientific instruments, equipment and techniques will be held alongside the conference. During the event, the following exhibitors will be on hand to discuss the services they provide, the latest research and development and demonstrations of their new products. The exhibitors will be located alongside the poster session and refreshments in the Stratosphere.

<p style="text-align: center;">Attocube http://www.attocube.com/</p> 	<p>JEOL is a leading supplier of scanning electron microscopes (SEMs), transmission electron microscopes (TEMs), scanning probe microscopes (SPMs), mass spectrometers, NMR spectrometers, and semiconductor tools for scientific and industrial purposes. They provide applications-specific solutions that advance our customers' diverse objectives – from routine analysis of organic and inorganic specimens to breakthroughs in nanotechnological development.</p>
<p style="text-align: center;">M Squared Lasers http://www.m2lasers.com/</p> 	<p>M Squared is a photonics technology company. We not only design and manufacture advanced laser systems; we actively collaborate with research institutions and industries around the world to develop novel photonics applications in the fields of quantum technology, biophotonics and chemical sensing. We are dedicated to helping develop the technology of the future, the technology that can make a positive difference to our world.</p> <p>Our award-winning laser platforms supply some of the world's leading institutions and are critical enablers in fundamental physics research. These platforms have supported a number of world firsts including the first demonstration of 'teleportation' and the first stable ultra-cold molecules. Meanwhile, our dedicated innovation group develops technology in-house and also partners with key customers to take new technologies out of the lab and into the real world.</p> <p>Since starting out in 2006, M Squared's name has been associated with innovation and technology disruption. We won the 2016 Queen's Award for Enterprise in Innovation, a 2015 Institute of Physics Innovation Award, we've been selected by Bloomberg as one of its Business Innovators for 2016, listed in the 2016 Sunday Times Hiscox Tech Track 100, and we've just been shortlisted at the Lloyds Bank National Business Awards in the Innovation category.</p>

	<p>M Squared is a global business with offices in the UK, Europe and USA. With a turnover exceeding £10 million, and a 40% annual growth rate, the company is growing fast, employing more than 85 talented and passionate scientists, engineers and commercial staff around the world.</p>
<p>Oxford Instruments www.oxford-instruments.com</p> 	<p>Oxford Instruments NanoScience designs, supplies and supports market-leading research tools that enable quantum technologies, new materials and device development in the physical sciences. Our tools support research down to the atomic scale through creation of high performance, cryogen free low temperature and magnetic environments, based upon our core technologies in low and ultra-low temperatures, high magnetic fields and system integration, with ever-increasing levels of experimental and measurement readiness. Oxford Instruments NanoScience is a part of the Oxford Instruments plc group.</p>
<p>Photonic solutions</p> 	
<p>Toptica Photonics http://www.toptica.com/</p> 	<p>TOPTICA provides complete systems and components for both time-domain and frequency-domain terahertz generation. For time-domain applications, the TeraFlash sets new standards in terms of dynamic range, bandwidth and measurement speed. Combining TOPTICA's FemtoFiber smart laser technology with state-of-the-art InGaAs antennas, the system achieves a peak dynamic range of more than 90 dB and a bandwidth greater than 5 THz.</p> <p>For researchers working with GaAs-based photoconductive switches or with organic-crystal emitters, TOPTICA offers a variety of ultrafast fiber lasers, all of which come with superior specifications. Owing to the use of robust saturable absorber mirror technology for mode-locking, all lasers offer turnkey operation and do not require any mechanical alignment.</p> <p>For frequency-domain terahertz spectroscopy, TOPTICA offers two "TopSeller" systems – TeraScan 1550 and TeraScan 780. Based on precisely tunable DFB lasers, digital control electronics, and latest InGaAs and InGaAs photomixer technology, the TeraScan systems combine ease of use with best-in-class specifications.</p>

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