Contents

Enquiries ................................................................................................................. 2
Sponsors .................................................................................................................... 3
Location ..................................................................................................................... 4
Travel and visas ....................................................................................................... 4
Registration .............................................................................................................. 5
Messages ................................................................................................................. 6
Catering ..................................................................................................................... 6
Social programme ................................................................................................... 6
Dietary information .................................................................................................. 7
Accommodation ....................................................................................................... 7
Presenter’s information ........................................................................................... 9
Emergency evacuation procedure ........................................................................ 9
First aid ................................................................................................................... 9
Smoking ................................................................................................................... 9
Taxi information .................................................................................................... 10
Cash dispensers and banks .................................................................................... 10
Local shop, restaurants and pubs ......................................................................... 10
Complaints .............................................................................................................. 10
Map ....................................................................................................................... 11
Enquiries

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London
W1B 1NT, UK
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E-mail: dawn.stewart@iop.org

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Conferences department
Institute of Physics
Tel: +44 (0)20 7470 4839
E-mail: conferences@iop.org

Conference chair:
Professor Matthew P Cartmell
Email: matthew.cartmell@glasgow.ac.uk
The organisers of the Modern Practice in Stress and Vibration Analysis 2012 conference would like to thank the following sponsors

**Premium sponsor**

XODUS Group

**Co-sponsors**

NAFEMS - Materials Research Society - British Society for Strain Measurement - EPS

**Disclaimer**

The Institute of Physics, University of Glasgow 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 be held at University of Glasgow, founded in 1451, the University of Glasgow is the fourth oldest university in the English-speaking world.

The talks will be held in the Wolfson Medical School’s Yudowitz room and the Boyd Orr lecture theatre.

Venue
Wolfson Medical School
University of Glasgow
University Avenue
Glasgow, G12 8QQ
Scotland, UK
Tel: +44 (0) 141 330 2000
Visit www.gla.ac.uk/ for maps and directions.

Travel and Visas

By air
Glasgow Airport
From Glasgow Airport it would take about 15/20 minutes by road depending on traffic to the University, and is just under 8 miles. Glasgow Airport is home to around 30 airlines flying to around 90 destinations worldwide. It is around 7 miles from Glasgow. Domestic carriers include British Airways, Easyjet, bmi, bmibaby, flybe, Air Southwest and Loganair, which serves the Highlands and Islands. International airlines include Aer Lingus, Air Malta, Continental, Emirates, Icelandair, KLM, US Airways, Pakistan International Airlines, Canadian Affair and Virgin Atlantic. On average, each day there are more than 250 takeoffs and landings at Glasgow International Airport.

For more details, go to www.glasgowairport.com/

Prestwick Airport
From Prestwick Airport it would take about 45 minutes by road and is approximately 35 miles to the University. Prestwick Airport is 32 miles from Glasgow and is serviced by trains, buses or taxis to Glasgow. It flies to 31 European destinations.
For more details go to www.gpia.co.uk/AirportInfo/default.asp

By rail
There is a fast intercity rail service which operates from many of the major towns in England, and a sleeper service from London to Glasgow.
London - 4 ½ hours
Newcastle - 3 ½ hours
Birmingham - 4 hours
Manchester - 3 ½ hours
Inverness - 3 ½ hours

- East Coast - provides 8 trains per day to Glasgow from London. This site provides on-line assistance, timetables, route information and details of special promotions.
- Virgin Trains - provides 7 trains per day from London to Glasgow. This site also offers on-line booking, route maps, travel information and useful details on chosen destinations. You will also find information about on-board services, passenger assistance and business travel.
Modern Practice in Stress and Vibration Analysis 2012

- **National Rail Enquiries** - this site has a searchable timetable and a useful journey planner. You will also find details on facilities at major UK stations and points of interest in the local area.
- **FirstScotrail** - Scotland’s Rail Operator - Here you will find details on the West Highland Line, the North Highland Line and Caledonian Sleepers (overnight trains from Scotland to London). You will also find timetables, special ticket offers and other useful travel links.
- **The Trainline** - this site is a no-nonsense, direct approach to on-line train travel booking. Use this link to find out times, book tickets and reserve seats from any train operator in the mainland UK.

For further information about train times contact National Rail Enquiries at www.nationalrail.co.uk, Tel: +44 (0)8457 484950).

**By coach**
Buchanan Bus Station is the main terminus for long distance coaches. Timetables at www.travelnescotland.com

**By car**
From Carlisle, Newcastle and the south, exit M74 on to the M73, joining the M8 at the Old Monkland junction. M8 exits for the University are J18 if travelling from the south, Edinburgh and the north and J19 if coming from Glasgow Airport and the west. Other main routes serving the University include Great Western Road (A82, north of campus), Clydeside Expressway (A814, south) and Byres Road (B808, west).

There is parking available on University Place but this is available to the public and no parking spaces can be guaranteed. All of the University’s own car parks require a parking permit. If you require a parking space can you please notify Dawn Stewart, dawn.stewart@iop.org

To programme your sat-nav use the postcode G12 8QQ.

You can also plan your route using one of the free route planners - examples are The AA or The RAC.

**Tourist Information**
For further information on Glasgow visit Glasgow Tourist Information Centre at http://www.seeglasgow.com

**Visas**
Citizens of the EU do not need a visa to enter Britain. If you are from any other country, find out about visa requirements before you travel at ukvisas.gov.uk

**Registration**
Registration will be held in the Wolfson Medical School, Atrium building from Tuesday 28 August to Friday 31 August. Times are as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday 28 August</td>
<td>16:00 – 18:00</td>
</tr>
<tr>
<td>Wednesday 29 August</td>
<td>08:00 – 18:00</td>
</tr>
<tr>
<td>Thursday 30 August</td>
<td>08:30 – 18:00</td>
</tr>
<tr>
<td>Friday 31 August</td>
<td>08:30 – 15:30</td>
</tr>
</tbody>
</table>

On arrival, each participant will receive a delegate pack containing a pen and pad, a programme and book of abstracts, and a lapel badge. 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. On your
departure, please return your badge to the registration desk so that it can be recycled.

Messages
A message board will be placed near the registration desk. Participants should check the board for messages as an attempt to locate participants will only be made in the case of an emergency. During registration times, messages can be left by emailing dawn.stewart@iop.org. Messages can also be sent by telephone to 07917 181 183.

Catering
Refreshments, lunch and the gala dinner are included in the registration fee and are served at set times during the conference programme. Lunches and refreshments will be served in the Wolfson Medical Building in the Atrium catering area.

Tuesday 28
Evening buffet: Wolfson Medical Building Atrium at 18:00 – 19:15

Wednesday 29
Morning break: 08:00–08:30
Lunch: 13:10–14:00
Afternoon break: 15:50–16:10

Thursday 30
Mid-morning break: 10:50–11:30
Lunch: 13:10–14:00
Afternoon break: 15:50-16:10

Friday 31
Mid-morning break: 10:50–11:10
Lunch: 13:10–14:00
Afternoon break: 14:40–14:50

Social Programme

Tuesday 28 August – Welcome drinks reception
A welcome drinks reception will be held in the Wolfson Medical Building at 17:00 – 18:00

Wednesday 29 August – Civic drinks reception
A drinks reception will be held at the City Chambers in Glasgow. The reception will take place at 19:00 – 20:00. Coaches will depart at 18:00 from University Avenue. After the reception the coach will return delegates back to their accommodation at Wolfson Hall and The Pond Hotel. If you would like to make your own transport arrangements can you notify Dawn Stewart – dawn.stewart@iop.org
To obtain further information about City Chambers in Glasgow visit: http://www.glasgow.gov.uk/en/yourcouncil/citychambers/

Thursday 30 August – Gala dinner
The gala dinner will take place at Óran Mór, The Auditorium, 731 - 735 Great Western Road, Glasgow, G12 8QX. It is positioned at the top of Byres Road, Glasgow. A drinks reception will start at 19:00 and dinner will commence at 19:30. The gala dinner is included within the registration fee. If you are unable to attend the dinner can you please notify Dawn Stewart – dawn.stewart@iop.org
To obtain further information about Óran Mór visit: http://oran-mor.co.uk
Coaches will depart at 18:30 from University Avenue.
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 other than vegetarian 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 University 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 dawn.stewart@iop.org if you have any queries.

Accommodation

Accommodation will be available in Wolfson Halls (student accommodation) and the Pond Hotel. Coaches will be provided to transport delegates to and from Glasgow University and Wolfson Hall and Pond Hotel. The Pond Hotel is a 10-15 minute drive from the University during rush hour (on average). The Pond hotel is about 15 minutes walking distance from the University. Wolfson Hall is about 20 minutes – 30 minutes in rush hour.

Courtesy bus timings and pick-up points will be as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Departure</th>
<th>Departure Time</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday 28</td>
<td>Outside Wolfson medical school building, University Avenue,</td>
<td>19:30</td>
<td>Wolfson Hall accommodation</td>
</tr>
<tr>
<td>Tuesday 28</td>
<td>Outside Wolfson medical school building, University Avenue,</td>
<td>19:30</td>
<td>Pond Hotel</td>
</tr>
<tr>
<td>Wednesday 29</td>
<td>Wolfson Hall accommodation entrance</td>
<td>08:00</td>
<td>Wolfson medical school, University Avenue</td>
</tr>
<tr>
<td>Wednesday 29</td>
<td>Pond Hotel entrance</td>
<td>08:00</td>
<td>Wolfson medical school, University Avenue</td>
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<tr>
<td>Thursday 30</td>
<td>Wolfson Hall accommodation entrance</td>
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<td>Friday 31</td>
<td>Pond Hotel entrance</td>
<td>08:00</td>
<td>Wolfson medical school, University Avenue</td>
</tr>
</tbody>
</table>

Coaches will transport delegates back to their accommodation at Wolfson Hall and Pond Hotel after the social events.

Wolfson Hall

Wolfson Hall is ideally situated for guests who prefer a quieter setting, whilst still being within easy travelling distance of both the city centre and West End. Wolfson Hall guests have access to the Garscube Sports Complex, which is less than 5 minute walk from the residence itself.

Facilities/Services

- Bed and Full Scottish Breakfast
- En-suite rooms
- Mix of single and twin rooms on offer
Free of charge laundry facilities
All linens and towels provided
Off-street parking
Common lounge/social area
Access to sports complex (prices from only £3.75)
No internet access is available at Wolfson Hall

Arrival
Room keys are available from **14:00** on your scheduled day of arrival. Keys should be collected from the reception.

Departure
Residential guests are asked to vacate their bedrooms by **10:00** on Friday 31. Keys should be returned to the reception.

Breakfast
Breakfast for residential participants at Wolfson will be served daily at 07:30 – 10:00 in Wolfson Hall.

**Pond Hotel**
The Pond Hotel is ideally located in Glasgow’s West End, only a short distance from the bustling bars and restaurants on Byres Road. All bedrooms are bright and comfortable with contemporary decor and are fully equipped with the following:

- LCD TV
- Freeview
- Laptop safe
- Direct dial telephone
- Modem point
- Hairdryer
- Blackout curtains
- En-suite bathroom with power shower
- Full Scottish breakfast

Free High Speed Wi-Fi throughout the hotel

Arrival
Room keys are available from **14:00** on your scheduled day of arrival. Keys should be collected from the reception.

Departure
Residential guests are asked to vacate their bedrooms by **10:00** on Friday 31. Keys should be returned to reception.

Breakfast
Breakfast for residential participants will be served daily at 07:00 – 10:00 in the restaurant at the Pond Hotel.

Luggage
Glasgow University is unable to offer secure luggage storage.
Presenter's information
Please bring your presentation on a CD or USB memory stick.

All central teaching spaces have in house PCs which require no log in or password. If you are using your own laptop for presentations, a 15 pin VGA connector is provided with mini jack cable for amplification of any audio contained within the presentation. A quick guide to AV installed in the lecture theatres is available via http://www.gla.ac.uk/services/avit/. Click on the Quick Start Guide link to access the 4 minute video presentation.

End User Devices
Unfortunately we do not support end-user devices we therefore strongly recommend that you are familiar with your laptop and software prior to arriving in Glasgow.

Audio Visual Support for Presenters
Equipment located within our spaces are compatible with PCs and related laptop devices, they are not compatible with any Apple products. We recommend that you provide your presentation in a USB format and suggest that you have a reserve option if this format fails.

Audio Visual Support for Delegates
All central teaching spaces have IR radiators to provide hearing assistance for those delegates requiring this facility. Delegates requiring this facility are required to wear a necklet.

The meeting space is reasonably large so 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 by session chairs.

Safety information
Emergency evacuation procedures
All of the areas used by the conference are covered by the university’s fire-alarm system. Occupants are expected to leave the building as quickly and safely as possible and make their way to a fire-assembly point. The fire alarm in the Wolfson Medical Building is tested every Thursday at 08:15. Sounders operate twice for 3-4 seconds. The main assembly point is located outside the front entrance of the Building on University Avenue. All bedrooms have instructions concerning fire-alarm activation and which assembly point to go to, and all participants should familiarise themselves with the safety instructions on arrival.

First aid
If you fall ill or injure yourself during the conference, please report the incident to the registration desk or a member of the university staff who will contact the first aider on site. In case of serious injury, paramedics will be called.

Smoking
In accordance with government legislation smoking is not permitted in any building.

Behavior and conduct
The Institute of Physics and University of Glasgow's reserves the right to charge in full for loss or damage to the University.
General

Local taxi numbers

Glasgow Taxis - 0141 429 7070

Travelling by taxi or minicab is generally very safe, but it is important to take sensible precautions, like making sure the vehicle is licensed.

Local bank and cash dispensers

The nearest cash dispenser is located at the Bank of Scotland on Byres Road

Local shop

The closest shop for newspapers and confectionary is located on Byres Road

Local restaurants and pubs

There are many restaurants and pubs on Byres Road and Great Western Road.

Complaints

We hope that your time at the conference is enjoyable. However, should you encounter any problems during your stay, please report them to the conference registration desk as soon as possible. The conference team will make every effort to rectify the issue as soon as possible.
Wolfson Medical Building
FORTHCOMING INSTITUTE CONFERENCES
AUGUST 2012 – JULY 2014

2012
10–11 September
Magnetic Tight Binding
Institute of Physics, London, UK
Organised by the IOP Computational Physics Group

20–21 September
A Celebration of the 50th Anniversary of the Diode Laser
University of Warwick, Coventry, UK
Organised by the IOP Quantum Electronics and Photonics and Semiconductor Physics Groups

8–9 November 2012
Complex Molecules at Surfaces II (CMAS-2)
Institute of Physics, London, UK
Organised by the IOP Thin Film and Surfaces Group

26–27 November
Biomolecular Thermodynamics
Institute of Physics, London, UK
Organised by the IOP Biological Physics Group

17–18 December
Topical Research Meetings on Physics: Quantum technologies: taking concepts through to implementations
Institute of Physics, London, UK

2013
16–18 January
AFPAC 2013 - 12th Anglo-French Physical Acoustics Conference
Villa Clythia, Fréjus, France
Organised by the IOP Physical Acoustics Group

17–18 January
Ferroelectrics UK 2013
University of Sheffield, Sheffield, UK
Organised by the IOP Materials and Characterisation Group

6–8 March
AdS/CFT Quantum Computation 2013
Institute of Physics, London, UK
Organised by the IOP Quantum Optics, Quantum Information, Quantum Control Group

25–28 March
The 40th IOP Annual Conference on Plasma Physics
University of York, York, UK
Organised by the IOP Plasma Physics Group

25–28 March
Interdisciplinary Surface Science Conference (ISSC-19)
East Midlands Conference Centre, Nottingham, UK
Organised by the IOP Thin Films and Surfaces Group

7–10 April
IOP Nuclear Physics Group Conference 2013
University of York, York, UK
Organised by the IOP Nuclear Physics Group

10–12 April
Dielectrics 2013
University of Reading, Reading, UK
Organised by the IOP Dielectrics Group

24–25 June
Physics of Emergent Behaviour: from Molecules to Individuals
The Grand Hotel, Brighton, UK
Organised by the IOP Biological Physics Group

8–12 July
International Conference on Neutron Scattering (ICNS2013)
Edinburgh International Conference Centre, Edinburgh, UK

3–6 September
Electron Microscopy and Analysis Group Conference 2013 (EMAG)
University of York, York, UK
Organised by the IOP Electron Microscopy and Analysis Group

4–6 September
PR’13: International Conference on Photorefractive Effects, Materials and Devices
The Winchester Hotel, Winchester, UK
Organised by the IOP Optical Group and the IOP Quantum Electronics and Photonics Group

9–11 September
Physical Aspects of Polymer Science
University of Sheffield, Sheffield, UK
Organised by the IOP Polymer Physics Group

16–18 September
Sensors & their Applications XVII
Rixos Libertas, Dubrovnik, Croatia
Organised by the IOP Instrument Science and Technology Group

16–19 September
EuroDisplay 2013 (33rd International Display Research Conference)
Imperial College London, London, UK
Organised by the IOP Optical Group and Society for Information Display

18–20 November
High-speed imaging for dynamic testing of materials and structures – 21st DYMAT Technical Meeting
Institute of Physics, London, UK
Organised jointly by the IOP Applied Physics and Technology Division and DYMAT Association

2014
21–25 July
ICSOS 11: 11th International Conference on the Structure of Surfaces
University of Warwick, Coventry, UK
Organised by the IOP Thin Films and Surfaces Group

See www.iop.org/conferences for a full list of IOP one-day meetings.

The conferences department provides a professional event-management service to the IOP Groups and Divisions and supports bids to bring international physics events to the UK.

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Web www.iop.org/conferences