

Image: C001/5787 Sand pattern Adam Hart-Davis/Science Photo Library

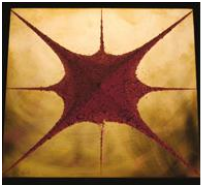


University
of Glasgow

Modern Practice in Stress and Vibration Analysis 2012

29 – 31 August 2012
University of Glasgow, UK

Organised by the IOP Applied Mechanics Group



Modern Practice in Stress and Vibration Analysis 2012

Enquiries

General organisation

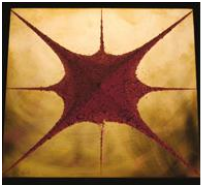
Dawn Stewart
Institute of Physics
76 Portland Place
London
W1B 1NT, UK
Tel: +44 (0)20 7470 4910
E-mail: dawn.stewart@iop.org

Registration enquiries

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



Modern Practice in Stress and Vibration Analysis 2012

The organisers of the Modern Practice in Stress and Vibration Analysis 2012 conference would like to thank the following sponsors

Premium sponsor

XODUS Group



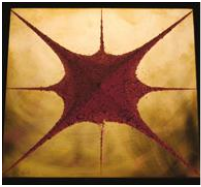
Co-sponsors



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.



Modern Practice in Stress and Vibration Analysis 2012

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

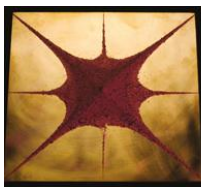
Newcastle - 3 ½ hours

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.
- [First Scotrail](#) - 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.travelinescotland.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

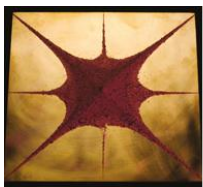
Citizens of the EU do not need a visa to enter Britain. If you are from any other country, find out about visa requirements before you travel at ukvisas.gov.uk

Registration

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

Date	Times
Tuesday 28 August	16:00 – 18:00
Wednesday 29 August	08:00 – 18:00
Thursday 30 August	08:30 – 18:00
Friday 31 August	08:30 – 15:30

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



Modern Practice in Stress and Vibration Analysis 2012

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 Òran 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 Òran Mór visit: <http://oran-mor.co.uk>

Coaches will depart at 18:30 from University Avenue.

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

Adiabatic 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.

Institute of Physics,
76 Portland Place, London W1B 1NT, UK
Tel +44 (0)20 7470 4800
E-mail conferences@iop.org
Web www.iop.org/conferences



Institute of Physics

76 Portland Place, London W1B 1NT, UK

Telephone: +44 (0)20 7470 4800

Fax: +44 (0)20 7637 4266

www.iop.org/conferences

Registered Charity Number: 293851