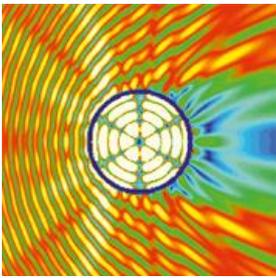


Anglo-French Physical Acoustics Conference

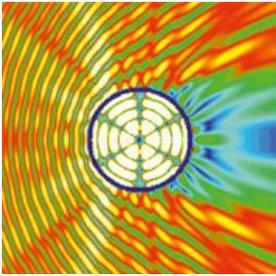
15–17 January 2014
Selsdon Park Hotel, Surrey, UK

<http://afpac14.iopconfs.org>



Anglo-French Physical Acoustics Conference

Enquiries.....	2
Disclaimer.....	2
Location.....	3
Tourist information.....	3
Travel.....	3
Travel to Surrey.....	3
Shuttle Bus.....	4
Travel between Surrey railway station and Selsdon Hotel.....	4
Local taxis.....	5
Registration.....	5
Venue facilities.....	5
Catering.....	6
Social programme.....	7
Presenter's information.....	7
Safety and security.....	8
Accommodation.....	9
Programme.....	11
Location Map.....	16



Anglo-French Physical Acoustics Conference

Enquiries

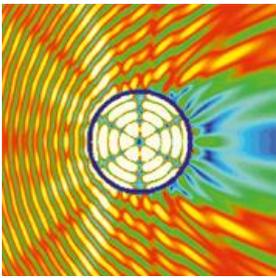
Dawn Stewart
IOP Conferences
Institute of Physics
76 Portland Place
London W1B 1NT, UK
Tel: +44 (0)20 7470 4910
E-mail: dawn.stewart@iop.org

Conference chair

Professor Nader Saffari
University College London, London, UK

Disclaimer

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



Anglo-French Physical Acoustics Conference

Location

The conference will be held at The Selsdon Park Hotel. The lectures will be held in the Sir Edward Heath meeting room. Posters and refreshments will take place in the Cedar 2 Suite. On-site accommodation for residential delegates is located in Selsdon Park Hotel. A full map can be found in this handbook.

Venue

Selsdon Park Hotel and Golf Club
126 Addington Road
Sanderstead
Surrey
CR2 8YA
Tel: +44 (0) 208 657 8811
www.ph-hotels.com/selsdonpark

Tourist information

Surrey is England's most wooded county and is home to some of England's finest landscapes. With stunning panoramic views and rolling hills, Surrey really is quintessential England. Located in South East England, Surrey offers a variety of historic town and picturesque villages as well as stunning gardens and stately homes for you to explore. Surrey has some of the best attractions in the South East, including, Denbies Wine Estate in Dorking which is England's largest single estate vineyard with 265 acres of vine and Hampton Court Palace, a visit to the Palace promises a journey back through 500 years of royal history.

For more information, please visit the Surrey Visitor Information Centre at <http://www.visitsurrey.com/>

Travel

Travel to Surrey

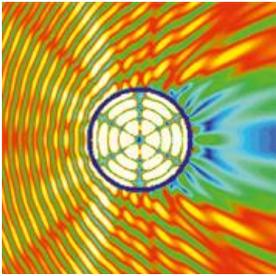
Selsdon Park Hotel is close to South and East Croydon Stations and a short drive from both Gatwick and Heathrow International airports. East Croydon station is 3.7 miles from the hotel, while central London is 13 miles away.

A location map for Selsdon Park Hotel can be found online <http://www.selsdonparkcroydon.co.uk/location/>

By air

Nearest airport: Gatwick International airport
25 minutes from Gatwick International airport
Two other airports are also within easy reach:

- 45 minutes from Heathrow International Airport
- 40 minutes from London City Airport



Anglo-French Physical Acoustics Conference

By train

Nearest station: East Croydon station

Selsdon Park is easily reached from four mainline stations including East Croydon which is 3.7 miles away, and 12 minutes direct to London Victoria station. For information contact [National Rail Enquiries](#) (tel: +44 (0)8457 484950).

By car

Satellite navigation co-ordinates: 51.339008, -0.061664 (post code CR2 8YA)

- At Junction 6 on the M25, take the A22 exit to Godstone/Caterham/Westerham/A25
- At Godstone Interchange, take the 1st exit onto Godstone Hill/A22 leading to London /Croydon/Caterham. Continue to follow A22
- Continue along the Caterham bypass until you come to a large round about (Anne Summers) and take the 3rd exit and follow signs A22 towards Whyteleaf/Croydon
- Continue to mini roundabout and take 3rd exit up the hill and under the bridge onto B270
- Turn left onto the B264 towards Croydon onto Tithepit Shaw Lane
- At the top of the road follow the right hand bend and continue to the end, turning left onto Limpsfield Road (B269)
- Follow the road straight, going over mini roundabouts and passing Waitrose on your right until you come to a large round about
- Take the 3rd Exit onto Addington Road (A2022)
- Selsdon Park is on the right opposite Upper Selsdon Road, indicate right prior to the traffic lights

Car parking

Parking at the hotel free for guests of the hotel and conference.

You can plan your route online using one of the free route planners - examples are [The AA](#) or [The RAC](#).

Shuttle Bus

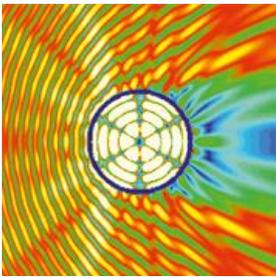
The hotel can provide a courtesy bus from and to the local train station; **please note that the mini bus must be booked in advance**. To book your seat, please contact the hotel direct stating the title of the conference. If you arrive without booking, you will not be guaranteed a seat on the minibus. The schedule pickup times and contact details are as follows;

COURTESY BUS SCHEDULE

Contact this number to book your seat: +44(0)208 657 8811

Selsdon Park Hotel to East Croydon	East Croydon to Selsdon Park Hotel
7.30am	7.45am
8.15am	8.30am
9.00am	9.15am
9.45am	10.00am
5.00pm	5.30pm
6.15pm	6.30pm

BUS T33 OR 64 TO SELSDON



Anglo-French Physical Acoustics Conference

Visas

Citizens of the European Union do not need a visa to enter Britain. If you are from any other country, please find out about visa requirements before your travel by visiting <http://ukvisas.gov.uk>

By taxi

A journey by taxi from the railway station to Selsdon Park will take approximately 20 minutes. There is a taxi rank outside the station. Travelling by taxi or minicab is generally very safe, but it is important to take sensible precautions, like making sure the vehicle is licensed.

Taxi company;

Station Car Purley: +44 (0)208 660 6000

Registration

Registration will take place on Wednesday afternoon in the Foyer at Selsdon Park Hotel. Times are as follows:

Date	Times	Location
Wednesday 15 January	12:00 - 18:00	Hotel Foyer
Thursday 16 January	08.30 - 18:00	Hotel Foyer
Friday 17 January	08.30 - 13:00	Hotel Foyer

Please note that during lunch times the registration desk may be unmanned for a short period of time.

On arrival, each participant will receive a delegate pack containing a pen and pad, a programme and a lanyard 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 email to dawn.stewart@iop.org or by telephone to +44 (0)7917 1811 83

Hotel facilities

Internet

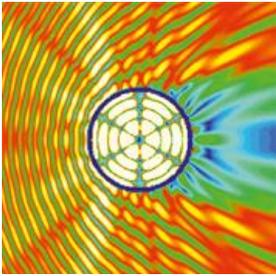
WiFi access is available in most areas of the hotel. Please note that you will be allocated one password to use for the entirety of the conference. You will be given a password upon arrival.

Cloakroom

There will be a cloakroom available for luggage storage. Please note that these areas are not secure. All goods left in these areas are left at the owner's risk and neither the IOP nor the Selsdon Park Hotel accept any liability for any loss or damage to personal goods.

Public telephones

Please note that there is no public telephone in Selsdon Park Hotel.



Anglo-French Physical Acoustics Conference

Prayer room

Anyone wishing to use the prayer room should make a request to the IOP registration desk and the Hotel staff will direct delegates to the appropriate area.

Banking facilities

The nearest ATM is available in Sainsbury's supermarket, which is situated about 10 minute walk from Selsdon Park Hotel.

Catering

Refreshments, lunch and conference dinner are included in the registration fee and are served at set times during the conference programme. Lunch and evening dinner will take place in the Hotel Restaurant for residential delegates only. Breakfast each morning (for residential delegates only) will take place at 07.00 to 09.30 in the Restaurant.

Wednesday 15 January	Times	Location
Lunch	12:00 - 13:15	Restaurant
Refreshments	15:00 - 15:20	Terrace Coffee Area
Dinner (<i>residential delegates only</i>)	18:30 - 21:00	Restaurant

Thursday 16 January	Times	Location
Breakfast (<i>residential delegates only</i>)	07:00 - 09:30	Restaurant
Arrival refreshments	08:30 - 09:00	Terrace Coffee Area
Morning break	10:45 - 11:05	Terrace Coffee Area
Lunch	12:20 - 13:30	Restaurant
Afternoon break	15:30 - 15:50	Terrace Coffee Area
Conference dinner	19:00 - 22:30	Restaurant

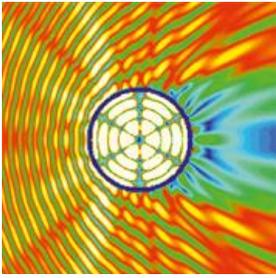
Friday 17 January	Times	Location
Breakfast (<i>residential delegates only</i>)	07:00 - 09:30	Restaurant
Arrival refreshments	08:45 - 09:00	Terrace Coffee Area
Morning break	10:45 - 11:15	Terrace Coffee Area
Lunch	13:00 - 14:00	Terrace Coffee Area

If you are attending the conference as a non-residential delegate and would like to join the residential dinner on Wednesday 15, tickets can be purchased by e-mail to dawn.stewart@iop.org

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.

We are aware that nut allergies in particular present a serious problem to some people. Selsdon Park Hotel can provide details of the ingredients of any particular dish, but cannot provide assurances that the food has not been cross contaminated with traces of nuts during ingredient processing at manufacturer's site or food during food



Anglo-French Physical Acoustics Conference

preparation/service on site. For these reasons, we regret we are unable to provide guarantees that any of the food we serve is free from nuts or trace elements. Please e-mail dawn.stewart@iop.org if you have any queries.

Social programme

Thursday 16 January

The conference dinner will take place at Selsdon Park hotel. Dinner will commence at 19.30. There will be a drink's reception at 19:00. The conference dinner is included within the registration fee. If you are unable to attend the dinner can you please notify Dawn Stewart by email: dawn.stewart@iop.org

Presenter's information

The lecture theatres are equipped with the following audio-visual equipment:

- Data projector
- PC with PowerPoint facilities (Office XP and Windows XP)
- Laser pointer

Speakers wishing to use additional audio-visual equipment or intending to present from a Macintosh computer are asked to contact Dawn Stewart dawn.stewart@iop.org before the conference.

Presentations

Speakers are requested to bring their presentations on a USB memory stick in either Office 2007 or .pdf format and preload them onto the PC located in the lecture theatre. Speakers should save their presentation into the appropriate pre-named session folders pre-set on the desktop and files should be saved by speakers surname and initial. 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.

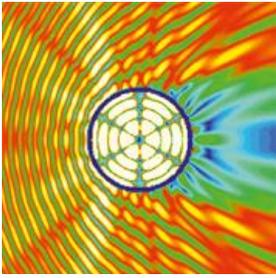
The lecture theatre is reasonably large, and speakers should use a minimum 15-point font size in PowerPoint slides to ensure legibility.

Presenters are asked to prepare their talks to match the allocated times which will be rigidly enforced.

Posters

Posters will be on display throughout the conference in the foyer area. Poster boards and fixing material will be provided. Posters must not be larger than A0 in size, in portrait format and therefore if your poster does not fit within these dimensions, we cannot guarantee it will be displayed.

Posters should be mounted from 12:00 on Wednesday 15 January and must be removed by 11:15 on Friday 17 January. Although organisers will endeavour to save poster material, no guarantee can be made for posters not removed by 11:30 on Friday 17 January.



Anglo-French Physical Acoustics Conference

Safety and security

Personal property

Selsdon Park Hotel and the Institute of Physics do not accept responsibility for the loss of or damage to personal property. Visitors are advised to keep personal possessions with them, when out and about.

Evacuation policy

The procedure on hearing the fire alarm, or on discovering a fire, is to vacate the building by the quickest and safest route, and report to the assembly point. Residents should never use fire safety equipment to fight the fire - it is installed for use by trained members of Selsdon Park Hotel staff who will be in attendance in the event of an alarm. Guests and staff should not re-enter the building until the Fire Service or Security team confirms that it is safe to do so.

First aid

If an ambulance is required whilst you are in the hotel dial 999 from any telephone to contact the Hotel Security. They will call an ambulance and be able to assist the ambulance getting to the correct location at the hotel. The nearest Accident & Emergency Department is May Day Hospital.

Security

Staff is on duty 24-hours a day, 7-days a week. Should an accident, theft or other incident occur on the Hotel premises, it must be reported without delay to the hotel reception or to the security staff.

Smoking

In accordance with government legislation smoking is not permitted in any part of the hotel.

Behavior and conduct

The Institute of Physics and Selsdon Park hotel, reserve the right to charge in full for loss or damage to the hotel.

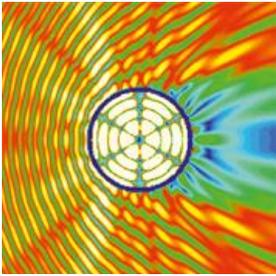
General information

Britain's currency - pound sterling (£) - see www.xe.com for currency converters. .

Value Added Tax (VAT) - is charged on all purchases currently at a rate of 20%, people travelling to the UK on business may be entitled to reclaim the tax charged on event expenses.

Electricity

British electrical standards are 50Hz 230 volts, so some North American and European electrical devices may require converters; all will require plug adaptors. Please bring your own adaptor with you to the conference.



Anglo-French Physical Acoustics Conference

Accommodation

Selsdon Park Hotel and Golf Club
126 Addington Road
Sanderstead
Surrey
CR2 8YA
Tel: +44 (0) 208 657 8811
www.ph-hotels.com/selsdonpark

En-suite single accommodation (15 – 16 January) is included in the 'residential' registration fee. If you have any special accommodation requirements please e-mail dawn.stewart@iop.org

Bedrooms

Each room will be equipped with shower facilities, tea/coffee making facilities, remote control television, telephone, trouser press and a hairdryer.

Arrival

Check-in at the hotel is from **17:00 on Wednesday 15 January**. Room keys should be collected from the front reception (open 24 hours). For emergencies there is a 24 hour onsite Security team.

Departure

Check-out is by **11:00 on Friday 17 January**. Keys should be returned to the reception. **There will be a charge if you do not return your keys by 11:00.**

Breakfast and dinner

Breakfast and dinner is included in the 'residential' registration fee. Breakfast will be served in the Restaurant at 07:00 – 09:30 each morning. Dinner on Wednesday 15 January will be served at 18:30. On Thursday 16 January dinner will be served at 19:30.

Internet access

You will need a username and password - available from the Reception or IOP Registration Desk.

Gym and sports facilities

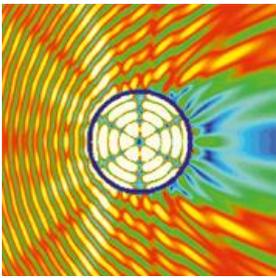
The leisure facilities include an indoor pool, gymnasium and tennis court. Selsdon Park Hotel and Golf club offers an 18 Holes PGA Championship Golf Course, the cost for the golf is £25.00 per person. To book to play golf you need to contact the hotel front reception desk.

Smoking

The bedrooms are strictly no smoking and a charge from £100.00 upwards will be levied to cover additional cleaning costs required to ensure the room is acceptable for the next guest.

Shops

There is a supermarket and newsagent within a short distance of the hotel.



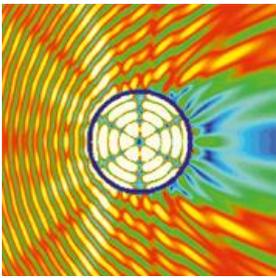
Anglo-French Physical Acoustics Conference

Security

Selsdon Park Hotel and the Institute of Physics do not accept responsibility for the loss of or damage to personal property. Visitors are advised to keep their bedrooms locked at all times, even if they are just popping out for a few minutes, and keep personal possessions with them.

Additional requirements

If you would like to book additional nights at the Selsdon Hotel, please email dawn.stewart@iop.org

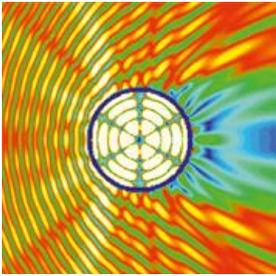


Anglo-French Physical Acoustics Conference

Programme

Wednesday 15 January

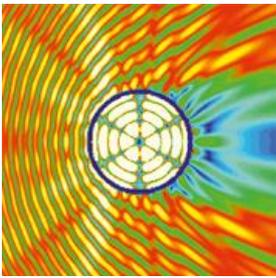
- 12:00-13:15 Registration and lunch
- 13:25 Welcome address
- 13:30-14:00 **(INVITED) Ultrasound measurement of crystal nucleation**
M Povey, University of Leeds, UK
- 14:00-14:15 **Multi-resolution analysis of acoustic emission signals: Application in cavitation detection**
S R Haqshenas, University College London, UK
- 14:15-14:30 **Imaging Gigahertz dynamics of supported single nanoparticles**
Y Guillet, Université Bordeaux-I2M, France
- 14:30-14:45 **Direct computation of acoustophoretic forces on elastic micro-particles using COMSOL Multiphysics**
A Grinenko, COMSOL Multiphysics, UK
- 14:45-15:00 **Resonant detection of Brillouin scattering by the opto-acoustic excitation of a single nanoparticle**
F Xu, Université Bordeaux-I2M, France
- 15:00-15:20 **Coffee**
- 15:20-15:35 **Investigation of sound propagation in a duct with a temperature gradient**
H Aygun, Southampton Solent University, UK
- 15:35-15:50 **Heterodyne detection of optically generated acoustic waves using a beam lead Schottky diode**
A Kent, University of Nottingham, UK
- 15:50-16:05 **Resolvent method for calculating dispersion spectra of the shear waves in free phononic plates**
M Korotyaeva, Université Bordeaux-I2M, France
- 16:05-16:20 **Quantified visualisation of acoustic waves using refracto-vibrometry**
R Malkin, University of Bristol, UK
- 16:20-16:35 **Imaging and diagnosis of early dental decay with an all-optical photoacoustic system**
D Hughes, University of the West of Scotland, UK
- 16:35-16:50 **Nonlinear ultrasonic imaging of cortical bone**
G Rus, University of Granada, Spain
- 16:50-17:05 **Behaviour of ultrasonic waves in porous rigid materials: anisotropic Biot-Attenborough theory**
H Aygun, Southampton Solent University, UK
- 18:30 Evening meal



Anglo-French Physical Acoustics Conference

Thursday 16 January

- 09:00-09:30 **(INVITED) The noise of underexpanded supersonic jets**
C Bailly, Ecole Centrale de Lyon, France
- 09:30-09:45 **Modelling tools for ultrasonic waves propagation in arrays of aligned and evenly spaced parallel metallic wires**
B Dobbigny, CEA/LIST, France
- 09:45-10:00 **Modelling anisotropic effects in austenitic stainless steel welds**
O Nowers, University of Bristol, UK
- 10:00-10:15 **A stiffness reduction method for efficient modelling of waves in unbound media using commercially available Finite Elements packages**
J Pettit, Imperial College London, UK
- 10:15-10:30 **Modelling of ultrasonic wave generation by the absorption of a pulsed laser in a material with heterogeneous optical properties**
E Anagnostopoulos, CEA, France
- 10:30-10:45 **Elastic wave simulations using a GPU**
P Huthwaite, Imperial College London, UK
- 10:45-11:05 **Coffee**
- 11:05-11:20 **Non-contact material characterisation using optimised bespoke electromagnetic acoustic transducers (EMATs)**
Y Fan, University of Warwick, UK
- 11:20-11:35 **Crystallographic orientation characterisation by laser ultrasonic technique**
S Achamfuo-Yeboah, University of Nottingham, UK
- 11:35-11:50 **Laser-based ultrasonic characterisation of Ge membranes**
O Trsushkevych, University of Warwick, UK
- 11:50-12:05 **Detection of laser ultrasound from optically rough surfaces using a custom CMOS sensor**
S Achamfuo-Yeboah, University of Nottingham, UK
- 12:05-12:20 **How to make Cheap Optical Transducers (CHOTs) for in situ ultrasonic inspection of aero-engines**
V Ageeva, University of Nottingham, UK
- 12:20-13:30 **Lunch and poster session**
- 13:30-14:00 **(INVITED) Dexterous acoustic tweezing with ultrasonic arrays**
B Drinkwater, University of Bristol, UK
- 14:00-14:15 **Tuning the effective acoustic properties in scattering random media**
B Mascaro, Université Bordeaux-I2M, France

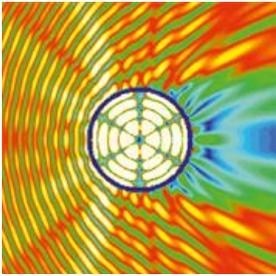


Anglo-French Physical Acoustics Conference

- 14:15-14:30 **Modelling ultrasonic attenuation in concentrated suspensions: hydrodynamic effects**
V Pinfield, Loughborough University, UK
- 14:30-14:45 **Long wave thermoacoustic solutions for mixed colloidal systems: a multiple scattering approach**
T Hazlehurst, University of Leeds, UK
- 14:45-15:00 **Resonant acoustic propagation in liquid foams**
V Leroy, CNRS, University Paris Diderot, France
- 15:00-15:15 **High fidelity measurements of acoustic trapping using optical tweezers**
P Bassindale, University of Bristol, UK
- 15:15-15:30 **Near-wall dynamics of microbubbles in an acoustical trap**
L Wright, National Physical Laboratory, UK
- 15:30-15:50 Coffee
- 15:50-16:05 **Cavitation-cloud manipulation in dual-frequency focused ultrasound**
K Johnston, Institute of Medical Science and Technology, UK
- 16:05-16:20 **Ultrasonic histotripsy for paediatric liver cell therapy**
K J Pahk, University College London, UK
- 16:20-16:35 **Ultrasonic modulation of peripheral nervous tissue excitability – A mechanistic study**
C Wright, University College London, UK
- 16:35-16:50 **Picosecond ultrasonics for single-cell biology**
T Dehoux, CNRS, France
- 16:50-17:05 **Iterative photoacoustic image reconstruction**
B Cox, University College London, UK
- 17:05-17:20 **An assessment of the DORT method using boundary element modelling**
P G elat, University College London, UK
- 19:00 **Conference Dinner – Selsdon Park Hotel**
The Bob Chivers Prize winner will be awarded at the Conference dinner

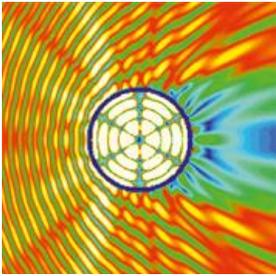
Friday 17 January

- 09:00-09:30 **(INVITED) High frequency acoustic microscopy: application to non destructive characterisation and control of materials in nuclear industry**
G Despau, Montpellier University, France
- 09:30-09:45 **Interaction of ultrasonic waves with surface-breaking defects**
R Edwards, University of Warwick, UK



Anglo-French Physical Acoustics Conference

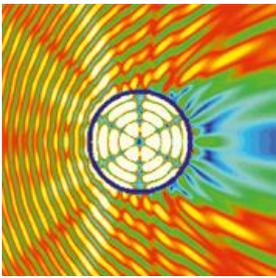
- 09:45-10:00 **Detection of closed defects in vibrating structures with piezoelectrically-excited and detected acoustic waves**
S Creten, K.U. Leuven, Belgium
- 10:00-10:15 **Non collinear mixing measurements using phased arrays**
K Sapountzi, University of Bristol, UK
- 10:15-10:30 **Novel passive wireless ultrasonic transducers: from concept to application**
C Zhong, University of Bristol, UK
- 10:30-10:45 **Experimental study of guided wave wall thickness mapping in pipes with EMATs**
M Seher, Imperial College London, UK
- 10:45-11:15 Coffee
- 11:15-11:30 **Improving wood ultrasonic image resolution by optimizing the wave travel time detection : case study towards Ultrasonic Tomography**
A Arciniegas, Aix-Marseille Univ., France
- 11:30-11:45 **Accurate 3D reconstruction of sub-wavelength defects from the measurement of guided wave scattered fields**
L Moreau, Institut des Sciences de la Terre - CNRS, France
- 11:45-12:00 **Scattering of guided waves by an elbow joined to straight pipes**
M El Bakkali, CEA/LIST, France
- 12:00-12:15 **Measuring the wavenumber of guided modes in a waveguide with linear thickness variation**
L Moreau, Institut des Sciences de la Terre - CNRS, France
- 12:15-12:30 **The effects of surface roughness and timing algorithm on ultrasonic C-scan data**
D Benstock, Imperial College London, UK
- 12:30-12:45 **COMSOL modelling of the acoustoelastic effect**
N Watson, University of Leeds, UK
- 12:45 **End**
- 13:00-14:00 **Lunch**



Anglo-French Physical Acoustics Conference

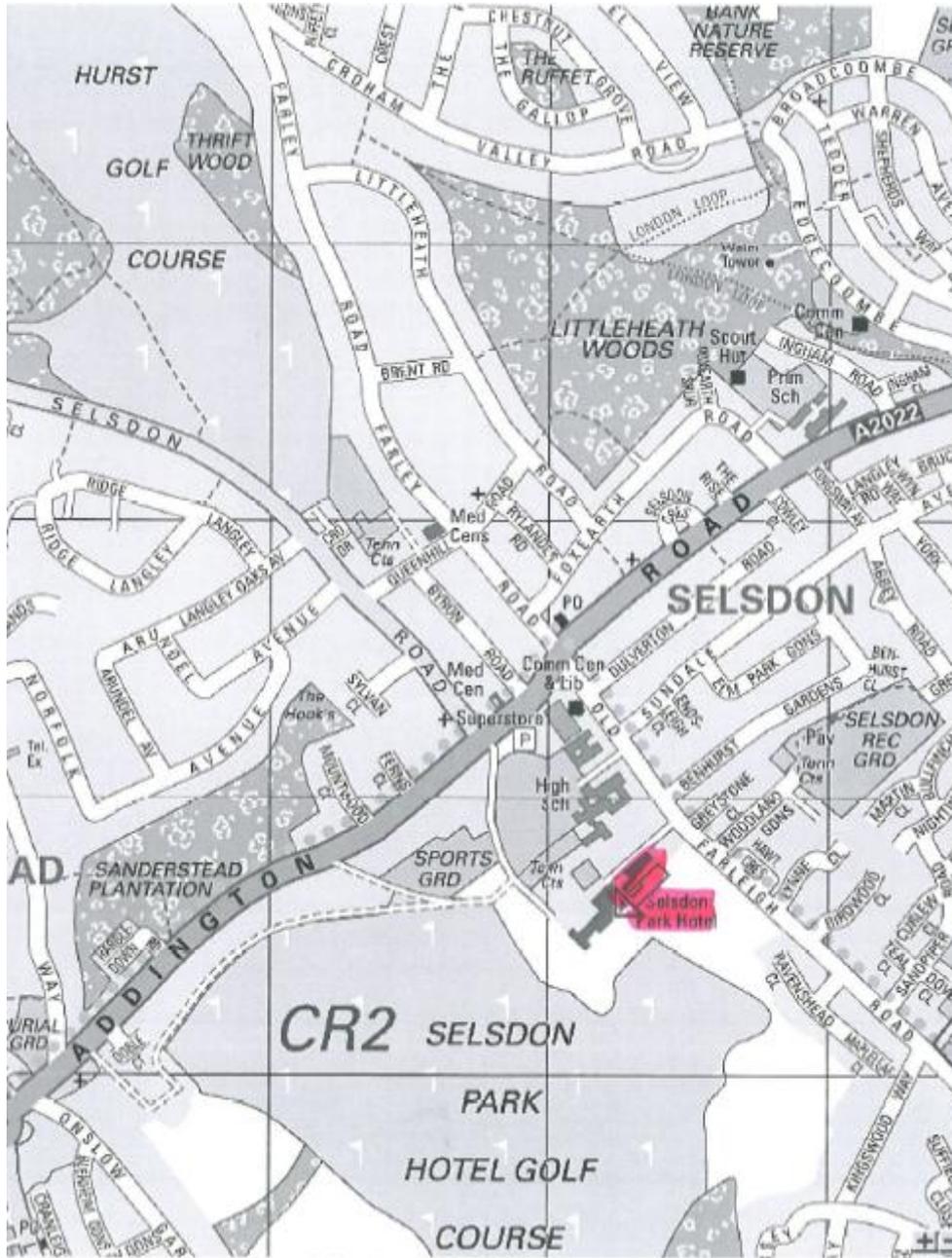
Poster Programme

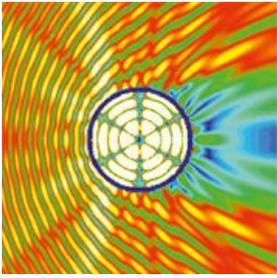
- P.1 NDT evaluation of multilayer piezoelectric actuator blocks using ultrasonic imaging**
M N Amin, University of the West of Scotland, UK
- P.2 High frequency ultrasonic imaging of the acid erosion process in ex-vivo dental samples**
D Hughes, University of the West of Scotland, UK
- P.3 Ultrasonic microfluidic actuation with secondary Bjerknes forces on bubbles**
M Lanoy, Institut Langevin - ESPCI ParisTech - CNRS, France
- P.4 Ultrasonic coda in bubbly media**
O Lombard, Université Paris Diderot, France
- P.5 Propagation number in periodic structure considering losses**
P Méresse, DCNS Research, France



Anglo-French Physical Acoustics Conference

Location map





Anglo-French Physical Acoustics Conference

NOTES

FORTHCOMING INSTITUTE CONFERENCES

JANUARY 2014 – MAY 2015

2014

15–16 January

Physics with large arrays of novel scintillators

Jury's Inn Custom House, Dublin, Ireland

Organised by the IOP Nuclear Physics Group

15–17 January

Anglo-French Physical Acoustics Conference (AFPAC)

Selsdon Park, Surrey, UK

Organised by the IOP Physical Acoustics Group

7–8 April

Magnetism 2014

University of Manchester, Manchester, UK

Organised jointly by the IOP Magnetism Group and IEEE UK & ROI Magnetics Chapter

7–9 April

IOP 2014 HEP and APP Joint Meeting

Royal Holloway, University of London, Surrey, UK

Organised by the IOP Astroparticle and High Energy Particle Physics Groups

7–9 April

IOP Nuclear Physics Group Conference

Selsdon Park, Surrey, UK

Organised by the IOP Nuclear Physics Group

7–9 April

PETER Conference – Pressure, Energy, Temperature and Extreme Rates

Grand Connaught Rooms, London, UK

Organised by the IOP Shock Wave and Extreme Conditions Group

7–10 April

Advanced Material for Demanding Applications

Glyndwr University, North Wales, UK

Organised by the IOP Nanoscale Physics and Technology Group

11–14 April

Advanced School in Soft Condensed Matter 'Solutions in the Spring'

Homerton College, Cambridge, UK

Organised by the IOP Liquids and Complex Fluids Group

14–16 April

The Physics of Soft and Biological Matter

Homerton College, Cambridge, UK

Organised by the IOP Biological Physics, Liquids and Complex Fluids, Molecular Physics and Polymer Physics Groups

14–17 April

41st IOP Plasma Physics Conference

Grand Connaught Rooms, London, UK

Organised by the IOP Plasma Physics Group

19–24 May

9th International Workshop on Neutrino-Nucleus Interactions in the Few-GeV Region: NuInt14

Selsdon Park, Surrey, UK

Organised by the IOP High Energy Particle Physics Group

9–11 July

3rd Superconductivity Summer School

University of Oxford, Oxford, UK

Organised by the IOP Superconductivity Group

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

26–28 August

IPTA 2014: Inverse Problems from Theory to Application

AT-Bristol, Bristol, UK

Organised by IOP Publishing

1–4 September

Photon14

Imperial College London, London, UK

Organised by the IOP Computational Physics, Instrument Science and Technology, Optical, Quantum Electronics and Photonics and Quantum Information, Quantum Optics and Quantum Control Groups

3–5 September

Physics meets Biology

University of Oxford, Oxford, UK

Organised by the IOP Biological Physics Group

4–5 September

International Conference on the History of Physics

Trinity College, Cambridge, UK

Organised by IOP History of Physics Group

15–19 September

Quantum, Atomic, Molecular and Plasma Physics (QuAMP) Summer School

Durham University, Durham, UK

Organised by the IOP Atomic and Molecular Interactions, Molecular Physics, Plasma Physics, Quantum Electronics and Photonics and Quantum Optics, Quantum Information and Quantum Control Groups

2015

12–16 April

Electrostatics 2015

Southampton Solent University,

Southampton, UK

Organised by the IOP Electrostatics Group

18–22 May

Nuclear Physics in Astrophysics VII: 28th EPS Nuclear Physics Divisional Conference

The Royal York Hotel & Events Centre,

York, UK

Organised by the Institute of Physics

See www.iop.org/conferences

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