



Physics in Food Manufacturing Conference

10–11 January 2018

The James Clerk Maxwell Building (JCMB)

The University of Edinburgh

Edinburgh, UK

<http://pifm2018.iopconfs.org>



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Contacts

Conferences team

Please read this handbook prior to the event as it includes all the information you will need while onsite at the conference. If you have any questions or require further information, please contact Ana Santos or the conferences team. The IOP Conferences team will be on-site for the duration of the meeting (see registration times) to answer any questions and to support the overall running of the event.

Ana Santos
Tel: +44 (0)20 7470 4984
Email: ana.santos@iop.org

Conferences team
Email: conferences@iop.org

Organising committee – Physics in Food Manufacturing Group

Professor Roger S Eccleston, Sheffield Hallam University
Mr John Bows, PepsiCo
Dr Robert Farr, Unilever Research
Professor Thomas Krauss, University of St Andrews
Dr John Melrose, Unilever plc
Professor Wilson Poon, University of Edinburgh
Professor Malcolm Povey, University of Leeds
Dr Martin Whitworth, Campden & Chorleywood Food Research Association
Dr Anne Pawsey MInstP, University of Edinburgh - School of Physics

Sponsors

IOP Institute of Physics



PEPSICO
Global R+D

If you encounter any problems at the conference, please report them to the conferences team who will make every effort to rectify the issues as soon as possible.

Exhibitors

FESTO



Quantum Design
UK and Ireland



Disclaimer

The Institute of Physics and University of Edinburgh accept no responsibility for any accident, loss or damage to participants or their property.

Venue

Conference

The conference will be held at the James Clerk Maxwell Building (JCMB) located within the University of Edinburgh's King's Building campus. The building is the administrative and teaching centre of the School and is, situated about 2 miles south of the city centre. The talks will be held in the Lecture Theatre A, refreshments will be in the adjacent coffee area alongside exhibition tables and posters, and lunch will be served in the Common Room.

A site plan of the venue is appended at the back of this handbook.



University of Edinburgh
School of Physics and Astronomy
James Clerk Maxwell Building
Edinburgh
EH9 3FD

Social Evening

The Conference Dinner will be held at the Playfair Library Hall on Wednesday 10 January between 19:00 and 22:00. This space can be found on the first floor of the Old College in the University of Edinburgh.



Playfair Library
Old College, South Bridge
Edinburgh EH8 9YL



Programme

The full conference programme can be found online at <http://pifm2018.iopconfs.org/programme>

Wednesday 10 January	
09:30	Registration
10:30	Welcome and introduction
11:00	Invited talk
12:30	Lunch
13:30	Invited talk
15:00	Refreshments
15:30	Invited talk
17:00	Close
19:00	Dinner

Thursday 11 January	
09:00	Registration
09:30	Invited talk
11:30	Refreshments, poster session and facilities tours
13:00	Lunch
14:00	Invited talk
16:00	Refreshments and close

Registration

Registration will be held on the first floor of the James Clerk Maxwell Building, close to the Lecture Theatre and coffee space. Each participant will receive a pen, pad, a printed copy of the programme and a lapel badge inside their folders. The abstract book will be in digital format only and is available to download from the conference website.

Date	Time
Wednesday	09:30-17:00
Thursday	09:00-13:00

WiFi

WiFi is available through Eduroam. If you don't have an account, please report to the registration desk when you arrive and ask for your login details.

Catering

The registration fee includes refreshments and lunch for the duration of the event and the social programme. Coffee breaks will be served in the coffee area and lunch will be served on The Common Room (Food Court) of the King's Buildings - a 3 min walk from the venue. The conference dinner will be held at the Playfair Library Hall. Your conference folder will include information and direction to each of these.

Please refer to the table below for timings.

Date	Event	Time
Wednesday 10 January	Arrival refreshments	10:00-10:30
	Lunch	12:30-13:30
	Afternoon refreshments	15:00-15:30
	Conference dinner	19:00-22:00
Thursday 11 January	Arrival refreshments	09:00-09:30
	Refreshment break	11:30-12:00
	Lunch	13:00-14:00
	Refreshments and close	16:00-17:00



Dietary requirements

Participants with dietary requirements are asked to notify the conference office by email prior to their arrival. It will not be possible to provide an alternative menu unless prior notification has been received. Please email ana.santos@iop.org if you have any questions.

Information for presenters

Oral presentations

The lecture theatre includes a dual projector, screen, PC and microphone facilities. If you require any additional equipment, email ana.santos@iop.org. Presenters are asked to prepare their presentations to match the time allocated in the programme (including questions) as these will be strictly enforced by the conference chairs.

Presentations should be structured to include an introduction, the main content and conclusions. Visual aids (e.g. maps, charts etc) can be used but you are advised to keep the information simple, use colour and contrast for emphasis and use a large enough font (minimum 15 point) to ensure legibility.

Please bring your presentation to the conference on a USB memory stick and load it onto the PC located in the lecture theatre no later than the start of the session in which you are speaking. Please save your file as your surname and initial in the appropriate folder on the desktop. Direct connection of personal laptops (with set-up in the break prior to the corresponding session) is the alternative.

The electrical current in the UK is 230v AC and 3 pin plug sockets. If you need an adapter, please bring one with you.

Poster presentations

Posters will be on display for the duration of the conference. Presenters are asked to be beside their posters throughout the poster session to answer questions from delegates and discuss their work.

Posters can be mounted from 09:30 on Wednesday 10 January and must be removed by 14:00 on Thursday 11 January. Any poster not removed at the correct time, will be recycled.

Poster boards are 2m by 1m and orientated vertically. Posters should be A0 in size (118.9 x 84.1cm / 46.8 x 33.1 inches), in a portrait format. Posters must be prepared in advance of the conference as it will not be possible to print them on-site. Fixing material will be supplied to mount your poster.

Travel

For travel information, please refer to the website page at <http://pifm2018.iopconfs.org/travel>

Parking

Parking within the King's Buildings campus requires a permit. Find more information here http://www.edinburgh.gov.uk/info/20085/parking_spaces

The parking restrictions on Mayfield Road are expensive, so it is recommended you park in one of the side streets off Mayfield Road, such as Ross Road or Hallhead Road.



Health and safety

Safety and emergency evacuation procedures

In case of a fire, guests should exit the zone in which the alarm is sounding using the signed FIRE EXIT routes and obeying instructions from Fire Stewards and without using lifts. Everyone should then assemble in the car parks well away from the access road and main entrance area. Guests should do not re-enter an activated zone, signalled by flashing beacons at the zone boundary. The all clear to re-enter will be called by the Assembly Point Controller, Fire Officers or via the alarm address system.

Security

Do not leave your belongings or valuables unattended at any time, abandoned bags will be removed by security, and may be destroyed. There is room in the Lecture Theatre for people to put their bags and coats however these are not manned so are left at your own risk. There is no other allocated storage available. Lost property should be handed to or asked for at the servitor's office which is at the main entrance of the James Clerk Maxwell Building.

Smoking

Smoking is not permitted anywhere within the building. If you wish to smoke, please leave the premises to do so.

First aid

Please find below a list with the closest first aider's names and contact details. This list is printed all over the building close to lifts and stairs. Call 9 999 if you require an ambulance. Then phone University Security on 2222.

FIRST AIDER	SCHOOL	ROOM	PHONE
Prof Arjun Berera	Physics	4412	650 5246
Toni Collis	EPCC		651 3480
Dr Kenton D'Mellow	EPCC		650 4939
Dr Angela Dawson	Physics	2617	650 7165
Dr Pamela Docherty	Maths	6314	650 7151
Dr Jill Douglas	Maths	5319	650 6568
Toby Fu	Physics	2104/2108	650 5208
Graeme Lynch	Physics	2104	650 5208
Dr Fiona Reid	EPCC		650 6494
Davinder (Davy) Virdee	EPCC		650 6485



Payment

The organiser reserves the right to refuse admission to any participant who has failed to pay their stand rental prior to the event.

General notices

Behaviour and conduct: Courteous and reasonable behaviour is expected from guests at all times, inappropriate behaviour or offensive language will not be tolerated.

IOP Membership

Membership of the Institute is for everyone who has an interest in the subject and its future. The Institute actively promotes physics to external audiences, increasing awareness of the importance of physics in government, education and industry. Our members come from diverse backgrounds and follow all kinds of different careers; many are directly involved in physics but as many are using their physics training in a wide range of businesses.

For more information, please visit www.iop.org/membership

Membership benefits include:

- Physics World - the world's leading physics magazine, monthly by post, online or as an app
- IOP Journal downloads
- Careers information and resources
- Professional Status
- Academic dress
- Learning online courses
- '@physics.org' email address
- Support and grants
- Members' room
- Meeting rooms
- Member rate for IOP conferences
- Discount on author charges (NJP)
- Business journals
- Making money out of ideas
- Local branch affiliation
- Specialist 'Groups' - join the IOP Plasma Physics group
- Membertalk
- Apply to become a fellow
- IOP LinkedIn group

Institute of Physics

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www.iop.org/conferences

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