



Joint APP and HEPP Annual Conference

26–28 March 2018
University of Bristol, Bristol, UK

Organised by the IOP Astroparticle Physics and High Energy Particle Physics Groups

<http://appandhepp2018.iopconfs.org>



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Contacts

Please read this handbook prior to the event as it includes all of the information you will need while on-site. If you do have any questions or require further information, please contact a member of the conferences team.

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We hope that your time at the conference is trouble free. If you do encounter any problems, please report them to the conferences team who will make every effort to rectify the issues as soon as possible.

Disclaimer

The Institute of Physics, the University of Bristol and their approved representatives accept no responsibility for any accident, loss or damage to a participant's property during the conference.

Local organising committee

- David Cussans
- Martisse Foster
- Helen Heath
- Dave Newbold
- Jonas Rademacker

Social media

Follow and join the conversation at #IOPHEPP2018 and #physicsconferences



Venue

The conference will be held in the H H Wills Physics Laboratory at the University of Bristol.

University of Bristol
School of Physics
HH Wills Physics Laboratory
Tyndall Avenue
Bristol
BS8 1TL

[Google Map](#)

The talks will be held in lecture theatres: Mott and Frank (Ground floor), Tyndall (first floor), and Rooms 3.34 and Berry Theatre 3.21 (third floor). Refreshments and Lunch will be available in the Enderby Room (Basement) unless otherwise stated.

A floor plan of the building is appended at the back of this document and will be included in your welcome pack. For more information, visit the school's website at www.bristol.ac.uk/physics/

Travel

Bristol is one of the most easily accessible cities in the UK, with excellent [road](#), [rail](#), [bus and coach](#) and [air](#) links.

Bristol is ideally situated for road access from London as well as from the north and east of England located at the intersection of the M4 and M5 motorways. Please note parking around the university can be difficult. The closest multi-storey car park is located approximately 10 minutes away and is shown on this [campus map](#).

Bristol Temple Meads is the closest railway station to the university and offers direct services from London, Scotland, Wales, Manchester and Birmingham. The university is approximately 2 miles from the station. Walking directions can be found [online](#).

Programme

Sunday evening reception (following Bubble Chamber tournament)

Formal start to conference, 09:00 Monday 26th

Monday evening, Poster Session

Tuesday afternoon, STFC Town meeting

Tuesday evening, Conference dinner (City Museum)

Conference closes on Wednesday 28th (finish 13:00)

The full programme is available to download from the [conference website](#). A printed copy of the programme will be included in your welcome pack.



Registration

Registration will be held in the foyer of the H H Wills Physics Laboratory at the times listed below. All attendees will receive a registration pack which will include a copy of the programme, a list of participants, a pen and pad, and a conference badge.

The book of abstracts is available in digital format and can be downloaded from the conference website. If you want a copy to refer to while on-site, please save or print a personal copy.

Participants are asked to wear their badge at all times to help with security and to enable you to identify fellow participants. Replacement badges can be issued at the registration desk at a cost of £2.50 each.

Monday 26 March 08:00-18:15

Tuesday 27 March 08:30-16:00

Wednesday 28 March 08:30-13:00

Outside of these times and only in the case of emergency, please telephone 07881 923 142.

Payment

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

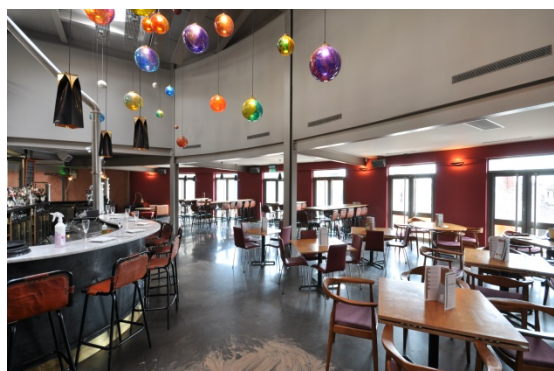
Catering

The registration fee includes refreshments for the duration of the event, lunch on Monday and Tuesday and the full social programme. Catering for the conference will be held in the Enderby Room (Basement level) unless otherwise stated.

Social programme

Welcome reception - A drinks reception will be held at Zerodegrees on Sunday 25 March from 18:00-19:30.

Zerodegrees
53 Colston St
Bristol BS1 5BA



On arrival, participants will be issued with vouchers which can be exchanged at the bar for 2 drinks (beer, house wine and soft drinks only). For more information on Zerodegrees, visit their [website](#).

[Google Map](#)



Exhibition and poster reception - A drinks reception will be held on Monday 26 March in the Enderby Room from 18:15-19:30 alongside the exhibition and posters.

Conference dinner - A pre-dinner reception and conference dinner will be held at the Bristol Museum and Art Gallery, located approximately 0.2 miles from the University.

Bristol Museum & Art Gallery
Queens Rd
Bristol
BS8 1RL

[Google map](#)

Participants should arrive at the museum for 19:00. Dinner will be served from 20:00. No transport to and from the dinner is provided.

On arrival, participants will have the opportunity to view some of the museum's galleries featuring Dinosaurs, British Wildlife, Geology, Minerals, Historic maps and prints of Bristol and the Mezzanine and Sea Dragons, before being called for dinner in the Wills hall.

The dinner menu is as follows:

Starter

Smoked mackerel, pickled celery and cucumber salad, horseradish cream (suitable for Gluten Free)
Roasted beetroot, goats cheese, rocket and walnut salad, balsamic reduction (Vegetarian)
Roasted beetroot, rocket and walnut salad, balsamic reduction (Vegan)

Main

Brisket of beef, thyme roast carrot, sauté kale, rich red wine sauce, roast potatoes (suitable for Gluten Free)
Crisp filo basket filled with spring vegetables, white wine and chive sauce, parmesan crisp (Vegetarian)
Baked basket filled with spring vegetables, pizzola sauce (Vegan)

Dessert

Lemon posset, cinnamon spiced berry compote, meringue, ginger biscuit
Chocolate and courgette cake (Vegan)

Dietary requirements

Participants who have notified us of any dietary requirements will be catered for. Please make yourself known to the catering team.

It will not be possible to provide an alternative menu unless prior notification has been received. Please email claire.garland@iop.org if you have any questions.



WiFi

The University provides both [eduroam](#) and [The Cloud](#) wireless services in all campus wireless locations. The Cloud can also be used free of charge by members of the public from places such as our coffee shops.

Connecting to The Cloud?

1. Connect to the **The Cloud** wireless signal
2. Once connected, open your web browser and visit www.bristol.ac.uk
3. You will be redirected to The Cloud's landing page where you can register or login with your account

Please note that web based apps will not work until the connection has been established and you have signed in successfully via your web browser.

For further information, visit <https://www.wireless.bris.ac.uk/visitors/>

Presenter instructions

Oral presentations

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

- Data Projector
- Screen
- PC or laptop with Windows 7 and Office 2013
- Dual VGA laptop connectivity
- Remote mouse/laser pointer
- Lectern with control system

If you require any additional equipment, please email claire.garland@iop.org

For the benefit of being able to upload your presentations, we have provided the following indico site:

<https://indico.cern.ch/event/695164/>

In timetable, you should be able to login to indico and edit your contribution: click on your contribution, 'View details' then 'edit files' and 'add materials to the session'.

Those who aren't on Indico can register for an account following the instructions available [here](#). Alternatively, please email your presentation to Helen.Heath@bristol.ac.uk or Dave.Newbold@bristol.ac.uk.

Format and Technical Requirements

- The lecture theatres are reasonably large, so speakers should use a minimum 16-point font size in PowerPoint slides to ensure legibility.
- To avoid potential problems with display fonts, please only use fonts common to both platforms (Arial, Courier, Courier New, Geneva, Georgia, Helvetica, Times, Times New Roman).
- For images in your presentations, it is preferable that the images are in jpg format. The image resolution must not exceed 1920 x 1080 pixels (width by height).
- Please ensure your presentation is using a 16:9 aspect ratio to fill the projection screens.
- If you have embedded video files to your presentation, they must be any of the following formats mpg, mpeg, wmv avi or QuickTime (mov)
- Do not forget to upload any video files separately in addition to your PowerPoint presentation.



Poster presenters

Posters will be on display for the duration of the event in the Enderby room. Posters must be no larger than A0 in size (118.9 x 841 mm / 46.8 x 33.1 inches), in a portrait format. Fixing material will be supplied.

Exhibition

The exhibition will be held in the Enderby Room (Basement level) alongside refreshments, lunch and the drinks reception. Please take the time to visit the exhibitors to find out about their products and services.

Hilger Crystals

www.hilger-crystals.co.uk

Hilger manufacture a range of synthetic crystals used as Infra Red components as well as X and Gamma ray detectors. A variety of materials and configurations are available to meet specific end user requirements.

IOP Publishing

ioppublishing.org

The IOP Publishing subject group of nuclear and particle physics research includes 11 journals, offering a broad portfolio of publications within this field including a choice of specialised and multi-disciplinary journals.

Journal of Physics G is a community-focused journal publishing high-quality experimental and theoretical research in nuclear and particle physics; including nuclear and particle astrophysics and all interface areas between these fields.

Mirion Technologies (CANBERRA UK) Limited

www.canberra.com

We are one of the UK's leading suppliers of instrumentation for Spectroscopy, Characterization, Health Physics and Environmental Monitoring to the nuclear industry. We have offices in Harwell, Seascale and Forss.

Thorlabs Ltd

www.thorlabs.com/

Thorlabs, founded in 1989 to serve the laser and electro-optics research market, is a vertically integrated photonics products manufacturer. Thorlabs has extended its core competencies in an effort to play an ever increasing role serving the Photonics Industry at the research end, as well as the industrial, life science, medical, and defence segments.

Safety and emergency evacuation procedures

In the unlikely event of a fire alarm sounding please make your way to the nearest emergency exit. Please leave the building in an orderly manner as directed and assemble outside away from the building. Anyone who has special needs in the event of an emergency should make themselves known to staff on arrival.

Smoking

In accordance with government legislation smoking is not permitted in any building, temporary enclosed structure or substantially enclosed space outside of buildings.



First aid

If you fall ill or injure yourself during the conference, please report the incident to a member of staff who will call a trained first-aider. In case of serious injury, paramedics will be called. All members of the conferences team are also trained first aiders.

General information

- Britain's currency is the pound sterling (£). Credit cards - especially Visa and Mastercard - are widely accepted in restaurants, bars, cafés and shops. American Express and Diners Club cards are less commonly accepted. There are plenty of cash machines (also known as cashpoints or ATMs) available on the campus.
- Value-added tax (VAT) is a 20% sales tax levied on most goods and services except basic food items, books and children's clothing. Restaurants must, by law, include VAT in their menu prices. If you are travelling for leisure or business purposes, you may be eligible for a VAT refund. The VAT refund scheme is called the Retail Export Scheme or Tax-Free Shopping.
- Electricity - British electrical standards are 50Hz 230 volts, so some North American and European electrical devices may require converters; all require plug adapters.
- Telephone - If you're visiting the UK from abroad, the UK dialling code is +44 (which replaces the 0).
- Emergencies - Visitors should be aware of their personal safety. Call 999 for the emergency services (police, fire and ambulance) which is a free call from any phone. You can also call 112 for non-life threatening assistance and to report crimes. To report non-urgent crime, call the police on 101 from within the UK.

HH Wills Physics Lab

Ground Floor

● Frank lecture theatre

This lecture theatre is accessed by the right-hand doors as you enter the building via the main entrance facing Tyndall Avenue. For level access please enquire at the Foyer lodge. The nearest toilets are downstairs near the Enderby room.

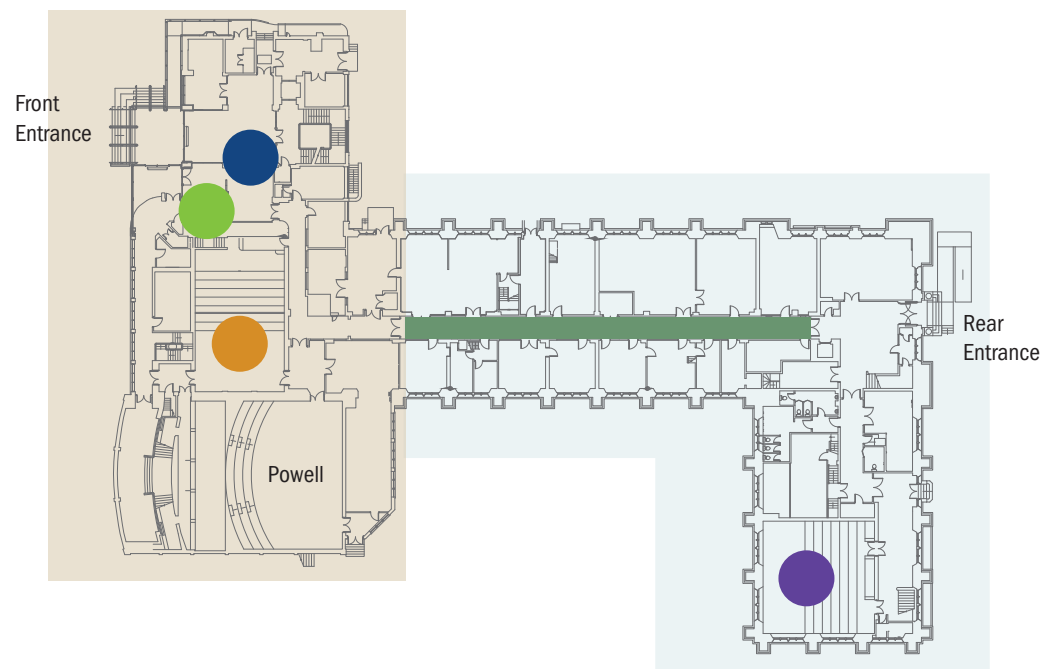
● Mott lecture theatre

Accessed either inside the building (using the public area of the third floor to traverse the building), or by travelling around the outside of the building to enter via the South entrance (located in the 20's wing, facing the garden). Nearest toilets (including accessible) are situated between the South entrance and the Mott LT.

● Enderby room

Located in the basement, this lecture room is accessed by entering the building through the right-hand doors of the main entrance (Ground floor, facing Tyndall Avenue) and then via the staircase found further along the corridor. If ramp access is required, please ask at the foyer lodge (located by the main entrance to the building) for assistance.

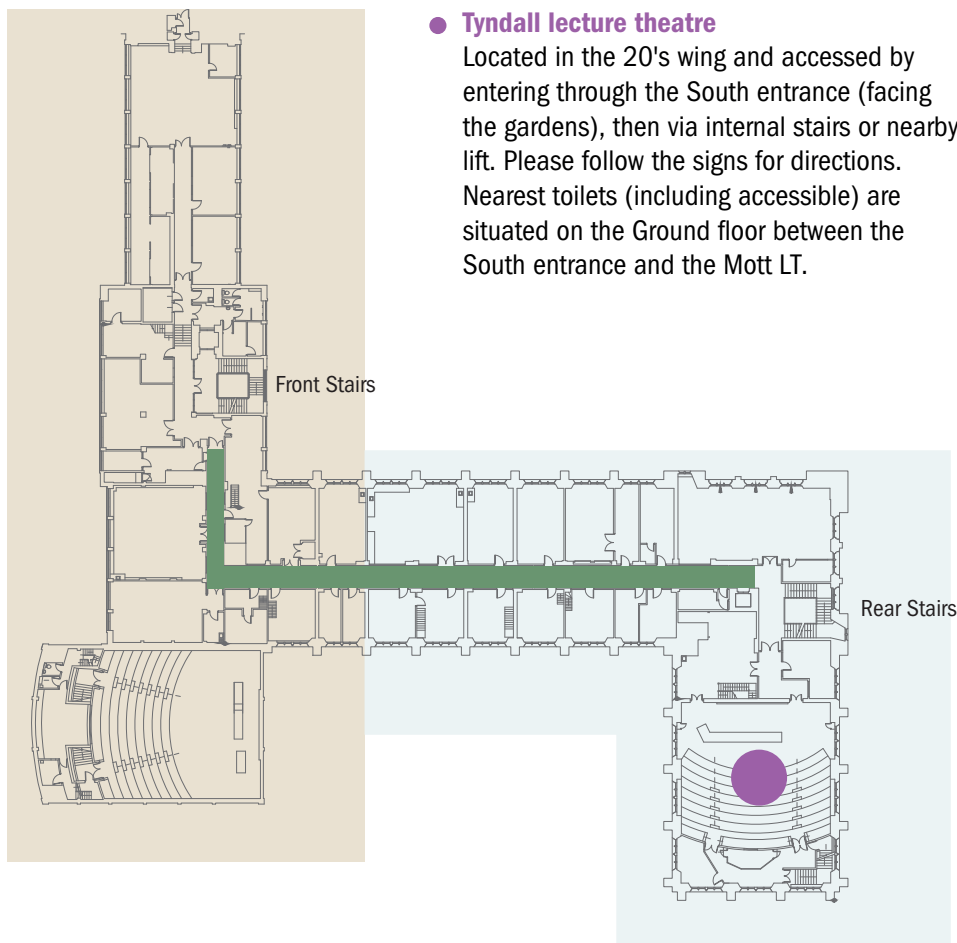
- Corridors where visitors will not be authorised to go (for safety reasons)
- 60's wing
- 20's wing
- Foyer Lodge (porters)
- Registration Area



First Floor

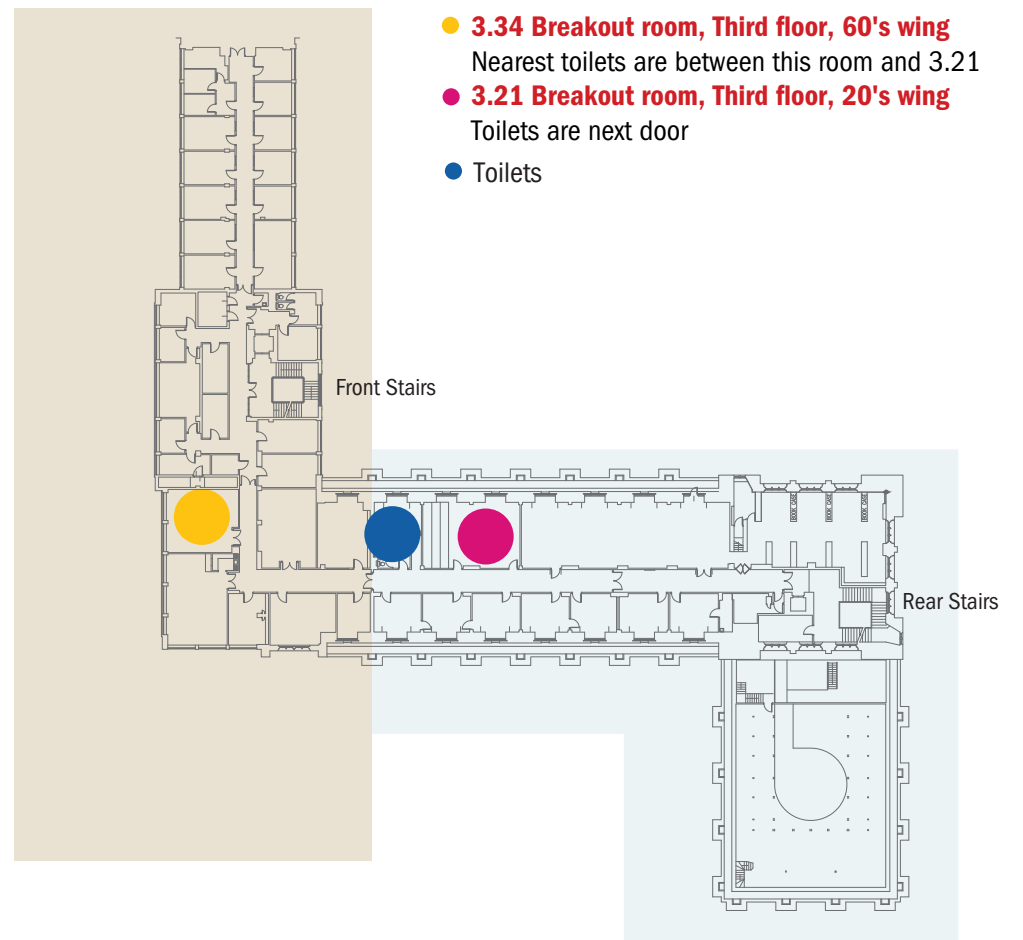
● Tyndall lecture theatre

Located in the 20's wing and accessed by entering through the South entrance (facing the gardens), then via internal stairs or nearby lift. Please follow the signs for directions. Nearest toilets (including accessible) are situated on the Ground floor between the South entrance and the Mott LT.



Third Floor

- 3.34 Breakout room, Third floor, 60's wing
Nearest toilets are between this room and 3.21
- 3.21 Breakout room, Third floor, 20's wing
Toilets are next door
- Toilets



General directions/lifts/stairs/other toilets not listed above:

There are lifts (with stairwells nearby) at each end of the building near the entrances. It is worth noting that visitors will NOT be able to access the Basement via the lifts or internal stairs; an access ramp is outside the front entrance (as mentioned above). There will be plenty of signage around the building, inside the lifts and on the stairs to point visitors towards the toilets and lecture theatres/breakout rooms.

More toilets not shown on the map are located near the lift in the 60's wing and may be accessed by either stairs or the lift (this is the one nearest the main entrance) as follows:

- Lower First floor ('L1' lift button) male toilet
- Mezzanine ('M' lift button) women's toilet
- Third floor ('3R' lift button) women's toilet (further along the corridor are the womens + mens toilets as described above)
- Fourth floor ('4R' lift button) men's toilet

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www.iop.org/conferences

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