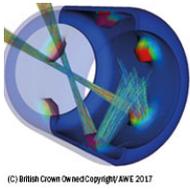


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# Computational Plasma Physics Conference

**20–22 November 2017**  
**University of York, York, UK**

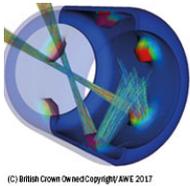


# Computational Plasma Physics Conference

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# Computational Plasma Physics Conference

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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 Jon Roe or the conferences team. The IOP Conferences team will be on-site for the duration of the event (see registration times) to answer any questions and to support the overall running of the event.

Jon Roe  
Tel: +44 (0)20 7470 4908  
Email: [jon.roe@iop.org](mailto:jon.roe@iop.org)

Conferences team  
Email: [conferences@iop.org](mailto:conferences@iop.org)

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.

## Sponsors

**IOP** | Institute of Physics  
Computational Physics Group



*CCP-Plasma*

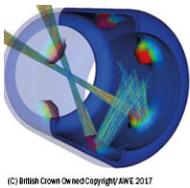
**IOP** | Institute of Physics  
Plasma Physics Group

## Organising committee

Tony Arber, University of Warwick, UK  
Michael Barnes, University of Oxford, UK  
Josie Coltman, AWE, UK  
Ben Dudson, University of York, UK  
Robert Kingham, Imperial College London, UK  
Ben McMillan, University of Warwick, UK  
Colin Roach, CCFE, UK  
Nathan Sircombe, Arm, UK  
Jonathan Smith, Tech-X, UK

## Disclaimer

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



# Computational Plasma Physics Conference

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## Venue

The conference will be held at Kings Manor, University of York, York. The talks will be held in the Huntingdon room and catering will be in the Ante Room alongside the posters.

A site plan and walking map for the venue is appended at the back of this handbook.



University of York  
King's Manor,  
Exhibition Square,  
York,  
YO1 7EP

## Programme

The full conference programme can be found online at <http://cppc2017.iopconfs.org/programme>

**Important notice** -The Monday morning session is aimed primarily at Ph.D. students, and researchers new to the field. A series of invited introductory talks from subject matter experts will provide an introduction to the algorithms, tools, codes and supporting infrastructure in computational plasma physics. The main plenary sessions will start after lunch. All attendees are welcome to attend the introductory talks.

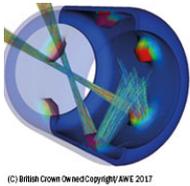
Monday 20 November	
08:00	Registration
08:30	Welcome address
10:40	Refreshments
13:00	Lunch registration
14:00	Welcome address
16:40	Afternoon session closed
17:30	Poster reception

Tuesday 21 November	
08:30	Registration

10:50	Refreshments
12:30	Lunch
15:20	Refreshments
17:10	Close

Wednesday 22 November	
08:30	Registration
10:50	Refreshments
12:30	Lunch
15:20	Close of Conference

Please refer to the back cover for the full conference timetable.



# Computational Plasma Physics Conference

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## Registration

Registration will be held in the Ante Room at the times listed below. Each participant will receive a pen, pad, a printed copy of the programme and a lapel badge. The abstract book will be in digital format only and is available to download from the website.

Date	Time
Monday	08:00-19:30
Tuesday	08:30-17:10
Wednesday	08:30-15:20

## WiFi – The Cloud

You will connect to CityConnect, when you open a new browser page you will be asked to fill in a short registration form, no user name or password is needed.

## Catering

The registration fee includes refreshments and lunch for the duration of the event and the social programme. With the exception of the poster session buffet, all catering will be served in the Ante Room. Please be aware that food for the poster session will be held in the Refectory with drinks served in the Ante Room.

Please refer to the table below for timings.

Date	Event	Time
Monday 20 November	Arrival refreshments	08:00-08:30
	Refreshment break	10:40-11:00
	Lunch and registration	13:00-14:00
	Poster reception and buffet	17:30-19:30
Tuesday 21 November	Arrival refreshments	08:30-09:00
	Refreshment break	10:50-11:10
	Lunch	12:30-14:00
	Refreshment break	15:20-15:40
Wednesday 22 November	Arrival refreshments	08:30-09:00
	Refreshment break	10:50-11:00
	Lunch	12:30-14:00

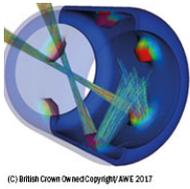
## Dietary requirements

Participants with dietary requirements are asked to notify the conference office by email prior to their arrival. 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. Please email [jon.roe@iop.org](mailto:jon.roe@iop.org) if you have any questions.

## Social programme

### Monday 20 November

A poster reception and buffet will be held in the Ante Room on Monday 20 November. Food will be served in the Refectory just a short walk away.



# Computational Plasma Physics Conference

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## Information for presenters

### Oral presentations

The lecture theatre includes an LCD projector, screen and PC. If you require any additional equipment, email [jon.roe@iop.org](mailto:jon.roe@iop.org). Presenters are asked to prepare their presentations to match the time allocated in the programme 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 field questions from delegates.

Posters can be mounted from 10:40 on Monday 20 November and must be removed by 10:40 on Wednesday 22 November. 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://cppc2017.iopconfs.org/travel>

### Parking

The closest car park to King Manor is

Marygate [https://www.york.gov.uk/directory\\_record/503/marygate\\_car\\_park\\_-\\_yo30\\_7dt](https://www.york.gov.uk/directory_record/503/marygate_car_park_-_yo30_7dt)

## Health and safety

### Safety and emergency evacuation procedures

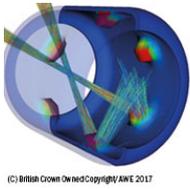
For a fire alarm guests needs to exit at their nearest exit and congregate on the front lawn at the entrance to the building, there are no planned fire alarm tests whilst you are on site, if the alarm sounds for longer than 15 seconds please vacate the building.

### Security

Do not leave your belongings or valuables unattended at any time, abandoned bags will be removed by security, and may be destroyed. Porters / Security can be contacted on 01904 323995. There is room in the Huntingdon Room 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.

### Smoking

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



# Computational Plasma Physics Conference

## First aid

Please report to the Porters / Security at the main reception desk at the entrance of the building for all first aid related issues

## 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](http://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

Time	Monday 20/11/2017	Tuesday 21/11/2017	Wednesday 22/11/2017		
08:00	Registration				
08:10					
08:20	Registration				
08:30	Welcome				
08:40	1.1 - T. Arber	Registration	Registration		
08:50					
09:00	1.2 - R. Guichard	6. Applications I	6.1 - R. Roland Guichard		
09:10	1.3 - P. Gillies			6. Applications II	10.1 - M. Romanelli
09:20					
09:30					
09:40	2.1 - H. Ratcliffe		10.2 - S. Doyle		
09:50	2.2 - J. Smith				
10:00	2.3 - B. McMillan	6.2 - C. Jao			
10:10			10.3 - S. Biggs		
10:20		6.3 - K. Imada			
10:30					
10:40	Coffee Break				
10:50					
11:00		Coffee Break	Coffee Break		
11:10	3.1 - A. Robinson	7. Scientific Software Dev. & Applications I	7.1 - R. Smedley-Stevenson		
11:20	3.2 - R. Kingham			11. Scientific Software Dev. & Applications II	11.1 - D. Samaddar
11:30					
11:40					
11:50					
12:00	4.1 - J. Macey	7.2 - K. McGlinchey	11.2 - C. Walsh		
12:10					
12:20	4.2 - T. Arber				
12:30					
12:40					
12:50					
13:00	Lunch & Registration	Lunch	Lunch		
13:10					
13:20					
13:30					
13:40					
13:50					
14:00	Welcome	8. Scientific Software Development I	8.1 - A. Shterenlikht		
14:10				12. Beyond the Laboratory	12.1 - R. Williams
14:20	5.1 - S. Van Loo				
14:30			12.2 - R. Desai		
14:40					
14:50					
15:00	5.2 - T. Goffrey		Meeting Close		
15:10					
15:20					
15:30	5.3 - J. Parker				
15:40					
15:50					
16:00	5.4 - J. Brodrick	9.1 - D. Brown			
16:10		9.2 - C. Brady			
16:20					
16:30		9.3 - P. Hill			
16:40					
16:50					
17:00					
17:10					
17:20					
17:30					
17:40					
17:50					
18:00	Poster Session. Drinks reception and buffet				
18:10					
18:20					
18:30					
18:40					
18:50					
19:00					
19:10					
19:20					
19:30					
19:40					
...					

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[www.iop.org/conferences](http://www.iop.org/conferences)

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