



Physical Aspects of Polymer Science 2019

11–13 September 2019
University of Lincoln, Lincoln, UK

<http://paps19.iopconfs.org>

Organised by the Polymer Physics Group



Physical Aspects of Polymer Science 2019

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Chair's welcome

Welcome to Biennial meeting of the Polymer Physics Group. To our visitors from overseas and to those of you preparing to deliver your first talk or poster at a conference, I extend a particular welcome. The PPG meeting held at Leeds University in 1991 was the first conference I attended as a PhD student, and I recall well how quickly I felt at home within the UK polymer physics community. Looking back through the history of the conference provides an insight into how polymer physics has evolved in the UK. For many years it was held at the Royal Military College of Science in Shrivenham, before moving to Reading University and then alternating between Reading and Leeds. This was a reflection of the fact that very few physics departments recognised our subject, although it is perhaps a little surprising that it was not until 1997 that it was held in Bristol! Since then the conference has visited a number of institutions for the first time, showing how physics has changed in the past 30 years. This year is our first visit to Lincoln, a recognition that its university is home to one of newest polymer physics groups in the UK. Martin's success in putting together such an exciting program for us suggests that polymer physics in Lincoln, and within the UK, has a bright future.

Professor Nigel Clarke, University of Sheffield
Chair of the Polymer Physics Group committee



Physical Aspects of Polymer Science 2019

Contacts

Please read this handbook prior to the event as it includes all of the information you will need while onsite at Physical Aspects of Polymer Science 2019. If you have any questions or require further information, please contact a member of the conference organising team, Keenda Sisouphanh or Rebecca Maclaurin.

Keenda and Rebecca will be on-site for the duration of the conference and will be based in the Isaac Newton Building Atrium during registration times. Outside of these times and only in case of an emergency, please telephone: 07880 525 792.

Keenda Sisouphanh

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Conferences

Tel: +44 (0)7881 923 142

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Martin Greenall – Local Organiser

Email: mgreenall@lincoln.ac.uk

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 issue as soon as possible.

Disclaimer

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

Social media



Follow and join the conversation at #IOPPAPS2019



Physical Aspects of Polymer Science 2019

Venue

The conference will be held in the Isaac Newton Building at the University of Lincoln.



Isaac Newton Building

University of Lincoln

Brayford Pool

Lincoln

LN6 7TS

UK

For information about the venue, please visit their website:

www.lincoln.ac.uk/home/engineering/isaacnewtonbuilding/

Campus map

www.lincoln.ac.uk/campusmap/

Event	Location
Registration	Isaac Newton Building Atrium
Technical talks	Isaac Newton Building Lecture Theatre INB0114
Posters & Poster Reception	Isaac Newton Building Atrium
Refreshments & Lunch	Isaac Newton Building Atrium
Conference Dinner	Washingborough Hall Hotel



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Accommodation

Accommodation is NOT included in your registration fee and must be arranged independently. A list of hotels in the city centre and close to the university, as well as those on the outskirts, can be found by visiting the website at paps19.iopconfs.org/accommodation

For those participants staying at the **Lincoln Thorpe on the Hill, Travelodge** transport to and from the university has been arranged. To book, please contact Martin Greenall by email to: mgreenall@lincoln.ac.uk.

Travel

For travel information, visit the conference [website](#).

Registration

The registration desk will be located in the Isaac Newton Building Atrium at the times listed below. Attendees will receive on arrival, a welcome pack which contains a copy of the programme, a pen and pad, and a conference badge.

Wednesday 11 September	12:00 – 18:30
Thursday 12 September	08:30 – 17:30
Friday 13 September	08:30 – 14:30

Outside of registration times and only in the case of an emergency, please call 07880 525 792.

Participants are asked to wear their badges at all times throughout the conference to help with security and identify fellow participants. Replacement badges can be issued at the registration desk for £2.50 each. The abstracts will be available in digital format only and can be downloaded from the website and via the conference app. If you want a copy of the abstracts to refer to while on-site at the conference, please save or print a personal copy.

Catering

Catering will be provided at set times throughout the conference and served in the Isaac Newton Building Atrium. Please refer to the programme for timings.



Social Programme

Poster reception

Wednesday 11 September

17:30 – 18:30

A poster reception will be held on Wednesday afternoon in the atrium of the Isaac Newton Building. Nibbles and drinks will be provided. The reception is included in the registration fee.

Conference Dinner

Thursday 12 September

19:00 – 23:00

Washingborough Hall Hotel

Church Hill

Washingborough

Lincoln LN4 1BE

Googlemaps

The conference dinner will be held on Thursday evening at Washingborough Hall Hotel and includes a welcome drink and 3-course meal with half a bottle of wine.

Coaches will transport delegates to and from the hotel venue. The dinner and transportation is included in the conference registration fee.

Coach departs from University	19:00 – 19:30
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Conference dinner at Washingborough Hall	19:30 – 22:00
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Coach departs Washingborough Hall to return to the University	22:00 – 23:00
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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 keenda.sisouphanh@iop.org if you have any queries.

Payment

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



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www.j-octa.com/

J-OCTA

VJ-OCTA, an integrated simulation system for polymeric material, is widely used in material R&D Center of Industry and University.

J-OCTA predicts material properties with multi-scale simulation technology (from atomic to micrometer scale) and supports the development of wide variety of high functional materials.

Coach sponsor

University of Lincoln

www.lincoln.ac.uk/home/



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Polymers

www.mdpi.com/journal/polymers



polymers

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Polymers (ISSN 2073-4360) is an open access journal with its latest impact factor of 3.164, ranking 17/87 (Q1) in polymer science. It provides an interdisciplinary forum for publishing papers which advance the fields of (i) Polymer synthesis, (ii) Polymer analysis, (iii) Polymer physics, (iv) Polymer theory and simulation, and (v) Polymer processing and performance, (vi) Polymer applications, (vii) Biopolymers. See more at <http://www.mdpi.com/journal/polymers>.



Benefits of publishing in Polymers: 1. Open access and high visibility: unlimited access, broad database coverage, various promotional activities and academic event presentations; 2. Rapid turn-around: 16.7 days from submission to first decision (average data of 2018).

PCCP

Editorial Board Chair
David Rueda



Editor-in-chief
Darrin Pochan

Presenter instructions

The Lecture Theatre suite will be equipped with audio-visual aids listed below:

- Projector and screen display in 16:9 ratio
- Personal laptops can be connected using either VGA or HDMI port
- PA system with PC sound kit and Microsoft office software
- Wireless hand held and lapel microphones

An AV technician will be on hand throughout the conference to assist presenters to upload their presentation onto the in-house PC in the lectern or to link up their own laptops.

If you require any additional equipment, please email keenda.sisouphanh@iop.org

- Invited talks: 35 minutes talk + 10 minutes questions
- Oral presentations: 15 minutes talk + 5 minutes questions

Instructions for speakers

- We recommend presenters bring their presentation on a USB stick to load their talk onto the PC located in the Isaac Newton Building Lecture Theatre.
- Your presentation should be loaded on to the PC located in the conference room in the break preceding the start of your session. Please save your presentation file in the appropriate named folder saved on the desktop. Direct connection of personal laptops is the alternative approach.
- Presenters are asked to prepare their talks to match the allocated times in the programme which will be strictly enforced by the conference chairs.

Format and technical requirements

- The meeting room is large, so speakers should be used and a minimum of 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.
- 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.



Posters

Posters will be located in the Isaac Newton Building Atrium throughout the conference.

Set up and set down

Posters can be set up during the registration and lunch break from 12:00 on Wednesday 11 September and taken down on Friday 13 September by 11:10. Any poster not removed by this time will be recycled.

Poster boards are 2m by 1m (h x w) and orientated vertically. Posters should be AO 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.

Safety and evacuation procedures

A weekly fire alarm test will take place at 9am on Wednesday lasting approximately 60 seconds. Thereafter should the fire alarm sound, please evacuate the building immediately and assemble outside, opposite the Lincoln Performing Arts Centre (LPAC) (all fire exits are sign posted). DO NOT re-enter the building until instructed it is safe to do so by the fire officer in charge.

All lifts will be grounded upon the alarm sounding. Should you need additional assistance to vacate the building in an emergency or evacuation, please make this known to the organiser upon arrival.

Health and Safety leaflets containing details on fire and first aiders can be made available at the venue by request.

Smoking

In accordance with government legislation, smoking is not permitted in any building, temporary enclosed structure or substantially enclosed space outside of the building. E-cigarettes are also not permitted in the building.

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.

Weather

The weather in the UK can be unpredictable and therefore we recommend participants bring a water proof rain jacket and/or umbrella. The average temperature for Lincoln, UK in September is 18°C.

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 within walking distance of the hotel.



- 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 replace 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.

Visitor information

Discover what's on, things to do, places to stay, and where to eat and drink in Lincoln city and countryside online at www.visitlincoln.com/

Lincoln is an ideal destination for a city break: offering an experience rich in history combined with independent boutique shopping, great arts and culture and a wealth of places to eat and drink.

The city is easily walkable for visitors with good mobility - the main shopping and tourist area stretches from St Marks Shopping centre in the south up to the Cathedral Quarter - known locally as 'Uphill'.

Steep Hill, voted Britain's Great Street, connects 'downhill' and 'uphill' Lincoln. Yes, it is steep as its name suggests, but well worth the walk!

The city is surrounded by beautiful countryside ready to be explored with walks and cycle routes, where you'll find quaint market towns, beautiful scenery, and aviation history.

Conference Handbook

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Editorial Board Chair
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Editor-in-chief
Darrin Pochan



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