

FACULTY NEWS BULLETIN

14 August 2019



ANNOUNCEMENTS

The Faculty would like to welcome Dr Qingyuan Zhao who joins us as a University Lecturer in DPMMS.

We would also like to welcome Charlotte Thompson-Mitchell, who joins us as an Administrative Assistant in DPMMS on 19 August. Charlotte will be based in Office C1.05.

PhD Approvals

Many congratulations to the following student who has recently completed their PhD:

Jonathan Tsang	DAMTP	Modelling dry granular flows over topography
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Congratulations also to Hayley Allison, co-supervised by DAMTP (Giulio Del Zanna) and BAS (Richard Horne), for completing her PhD. Since April she has been working in a post-doc position at the Magnetospheric Physics group at the GFZ German Research Centre for Geosciences, Potsdam.

Gender Diversity in Artificial Intelligence Research

The National Endowment for Science, Technology and the Arts (Nesta) <https://cam.us6.list-manage.com/track/click?u=cedd723ab1e1b8356d979a4d8&id=a3c8763471&e=0637855841> have identified the lack of gender diversity in the artificial intelligence (AI) workforce, raising growing concerns (story in The Telegraph <https://cam.us6.list-manage.com/track/click?u=cedd723ab1e1b8356d979a4d8&id=ed24d65749&e=0637855841>).

Professor Mihaela van der Schaar (Public Health and Primary Care and Department Applied Mathematics and Theoretical Physics - Plummer Professor of Machine Learning, Artificial Intelligence and Medicine and a Turing Fellow), is the female AI researcher based in the UK with the most publications in this field (Nesta report <https://cam.us6.list-manage.com/track/click?u=cedd723ab1e1b8356d979a4d8&id=44f44a50f6&e=0637855841>). Mihaela leads the effort on data science and machine learning for personalised medicine and has been working in AI for over 16 years, with her presence in the field and much of her early work only been recognised recently.

To find out more about Mihaela's research please click [here](#) or watch the [Turing lecture](#).

Returning Carers Scheme Round 14

The Returning Carers Scheme provides funds to support career and professional development for academics, researchers and employees whose primary role is undertaking research, following a career break or a period of leave for caring responsibilities. Applications for the next round can be submitted between **19 August 2019 and 4 October 2019**. Please visit Returning Carers Scheme for further information and to apply:

<https://www.hr.admin.cam.ac.uk/policies-procedures/returning-carers-scheme>

India's second spacecraft to the moon - Chandrayaan-2, an unprecedented attempt to soft-land on the lunar south pole, successfully launched on July 22, 2019. The DAMTP atomic astrophysics group, led by G. Del Zanna, is looking forward to the science exploitation of one of the instruments (XSM, built by PRL), thanks to a grant from the Royal Society.

Prof Peter Wadhams played a major role in the film "Ice on Fire", produced and narrated by Leonardo DiCaprio, which had its premier at the Cannes Film Festival and was released in June 2019. The film deals with climate change and, in particular, with the threat from Arctic methane and the possibilities of climate restoration through direct air capture of CO₂.

EVENTS

CMP Presentation Day 2019

The annual Cambridge Mathematics Placements (CMP) Presentation Day will be held on Thursday 15 August in the CMS. This is our students' annual showcase of summer research projects they have undertaken outside of the Mathematics Faculty, both academic and industrial. This year we have more than thirty projects spanning finance, healthcare, quantum computing, and other fields. All are welcome to attend any of the presentations of interest, which will be running concurrently throughout the day in MR4 and MR5. A schedule and further information can be found here: <https://www.dpmps.cam.ac.uk/events/CMP/Schedule.pdf>.

Run Leaders Course - University of Cambridge 23 September

Following the success of the course ran in Easter 2019, the Sports Service is organising another Leadership in Running Fitness course on Monday 23 Sept 2019. Their aim is to develop a network of running groups for University and College Staff led by trained Run Leaders.



Run leaders are trained and insured by England Athletics, the National Governing Body (NGB) for athletics and running. The course will enable leaders to deliver fun and safe sessions to groups with mixed ability, including how to support new runners as well as developing pathways for those that want to progress. It focuses on understanding and overcoming barriers to participation in running and how to increase participation by those not traditionally attracted to a running club.

The Sports Service will contribute the following:

- Organise and host the course at the University Sports Centre.
- Provide a mentor that will be able to give ongoing support and advice to Run Leaders.
- Tool kits and resources for Leaders which will include everything from getting the group started to keeping the groups engaged.
- Publicise the running group at: www.sport.cam.ac.uk/clubs-activities/university-running-groups

The commitment needed from the Department, Division or College:

- Course fee, £160
- Provide a member of staff with the time to do the one-day course in September.
- Support staff in this initiative. Most running groups meet for one 1 hour session per week although some have now expanded this to 2 sessions per week.

To find out more or book a place, please contact: run@sport.cam.ac.uk

Well Being Events

Recharge and Refocus Resilience session

17 October 12:30pm-13:30pm, Cavendish Laboratory

This session will cover:

- How to protect focus & willpower for the most important tasks
- How to manage difficult thoughts more effectively - mini mindfulness
- Learn what resilience means and how to strengthen it
- One technique to help Break Negative Thought Loops
- Q & A

Please sign up here <https://uoc-recharge-and-refocus.eventbrite.co.uk/>

Free Health Checks- University Sport Centre

The University of Cambridge Sports Service are pleased to offer free health checks on the following dates:

Monday 23rd Oct: 08:00, 08:30, 09:00, 09:30

Tuesday 24th Oct: 07:15, 07:45, 09:15

Thurs 26th Oct: 08:00, 08:30, 09:00

For more information, please see <https://www.sport.cam.ac.uk/clubs-activities/wellbeing>



Office of Postdoctoral Affairs

The Office of Postdoctoral Affairs organises a number of activities and workshops that may be useful for post-docs, please see the link to their calendar of events.

<https://www.opda.cam.ac.uk/Events/postdoc-calendar>

Knowing your audience, telling stories and why this matters

Thursday 5 September, 12:30pm - 14:00pm, Postdoc Centre @ Biomedical Campus at Clifford Allbutt Building

People love stories. They entertain, they help us to remember.

This short interactive session is aimed at researchers looking to improve the effectiveness of their communication.

It will introduce the importance of working out who your audience is and what they want to know.

It will also explore how storytelling is as relevant to research communication as it is to fairy tales.

We all have to communicate our research and ideas, why not do it through stories?

The session will be delivered by Dr Tom Monie, Academic Director for STEM, Institute of Continuing Education. Dr Monie has previously spent around 15 years as a research scientist, including as a Wellcome Trust RCDF, and is passionate about helping others become effective communicators.

If you wish to attend, please book through <https://www.training.cam.ac.uk/opda/event/3033968>

Open research and open minds: get your research out there to boost impact!

Tuesday 10 September, 12:00pm - 14:00pm, Postdoc Centre @ Mill Lane at 16 Mill Lane, Cambridge, CB2 1SB

Have you ever wondered who can access your research?

Most articles and research outputs are locked up behind paywalls inside an ivory tower. Find out how to make your research more open to reach a broader audience, spark collaborations and, most importantly, improve the quality of your research.

This course will look at:

- how different publishing models allow your work to be accessed by more readers
- how the University of Cambridge supports and encourages Open Research
- what funders require from researchers

The session will be delivered by Dr Beatrice Gini, Training Coordinator at the Office of Scholarly Communication. Dr Gini has worked in secondary education and as a research consultant with the Zoological Society of London. At the OSC she supports researchers and PhD students who want to learn more about publishing, Open Research and Research Data Management.

If you wish to attend, please book through <https://www.training.cam.ac.uk/opda/event/3033987>

Getting Connected - Postdoc Induction

Wednesday 25 September, 10:00am -12:30pm, Postdoc Centre @ Eddington at 105 Eddington Place, Cambridge, CB3 1AS

A must-attend morning with information tailored to postdocs in Cambridge, whether University-based or employed by Colleges or Research Institutions.

At this event, you will be given information about:

- Your contract
- Professional development & the careers service
- Accommodation (including how to apply for accommodation at the new North West Cambridge development)
- The postdoc community at Cambridge and have ample opportunity to meet other postdocs and network.

Target audience Postdocs employed by the University, Colleges and affiliated Research Institutions

Please book through <https://www.training.cam.ac.uk/opda/event/3045749>

GENERAL INFORMATION



Cambridge—Hottest Place in the UK!

It has been confirmed that the highest UK temperature was recorded on Thursday 25 July at the Botanic Garden. 38.7c (101.7F) was recorded beating the previous UK record of 38.5c (101.3F), set in Kent in 2003.

<https://www.staff.admin.cam.ac.uk/general-news/staff-at-cambridge-university-botanic-garden-record-uks-highest-ever-temperature>.

The central core in CMS was hot that week too, with the top temperature peaking at 32.88c at 4:00pm on Thursday 25 July.

