

## ACADEMIC NEWS

### DAMTP:

We are delighted to announce that *Mihaela van der Schaar* has been elected as the John Humphrey Plummer Professor of Machine Learning, Artificial Intelligence and Medicine from Monday 1<sup>st</sup> October. Mihaela will be working jointly between DAMTP and the Department of Public Health and Primary Care in the School of Clinical Medicine.

The Department would like to extend their welcome to *Ben Simons*, a Herchel Smith Professor, who has recently joined DAMTP and will be working in Biological Physics.

*Ben Allanach* has recently contributed to the following article published in the New Scientist, '[The Higgs hunter has just turned 10. Why is nobody celebrating?](#)'

Some exploratory work by *Adrian Kent* on ethical questions raised by possible future technologies enabling human simulation has been discussed in by [Philip Ball in an article in Aeon](#).

Congratulations to *Adrien LeFauve* (Research Fellow) has recently been awarded a Young Scientist Prize at the 12th European Fluid Mechanics (EUROMECH) Conference in Vienna.

*Francis Woodhouse* (formerly a College Research Fellow in DAMTP, now based at the Institute of Mathematics, Oxford) was recently nominated for and won the [H.D. Landahl Mathematical Biophysics Award of the Society for Mathematical Biology](#). This award recognises the scientific contributions made by a postdoctoral fellow who is making exceptional scientific contributions to mathematical biology.

### DPMMS:

On the first of October, the Faculty welcomes a new DPMMS Head of Department, *Professor James Norris*. James was previously Director of the Statistics Laboratory and is Co-Director of the Faculty Centre for Doctoral Training (CCA).

The Faculty is extremely grateful to the outgoing Head of Department, *Professor Gabriel Paternain*. Gabriel has overseen a period of significant growth in DPMMS through new Academic appointments (both University Lectureships and Chairs) and research staff funded in part via the Department's expanded research grant portfolio, with a noticeable increase in the level of staff diversity. In partnership with Professor Nigel Peake, Gabriel contributed to the close working relationship between the two Departments. The Faculty wishes him well as he heads to Seattle for a hard-earned sabbatical.

*Holly Krieger* has recently released a new [Numberphile video – The Dollar Game](#). This video has inspired a lot of fun implementations by fans, the best of which is here: <https://thedollargame.io>

Congratulations to *Jason Miller* who has been awarded the 2018 The Bernoulli Society Doebelin Prize for outstanding research in the field of probability.

## DAMTP ACADEMIC VISITORS

The following academics will be visiting DAMTP:

Visitor	Host or Research Group	Dates of visit
Dr Pablo Luis Rendón Garrido	Nigel Peake	August 2018 – August 2019

## ANNOUNCEMENTS

### Betty & Gordon Moore Library – Moore Methods

1.00pm – 2.00pm, Glass Room, Betty & Gordon Moore Library

The Betty & Gordon Moore Library will be running its regular *Moore Methods lunchtime training sessions* on a range of different skills to help make you a well-rounded researcher, student, or just a well-informed human being. Sessions are open to all and further information can be found on the [B&GM Library website](#), as well as the [University Training Booking System](#). The team at the Moore also contribute to a University-wide *STEM Researcher Development Programme series* of sessions which run throughout Michaelmas Term. For more information, please see the [University Training Booking System](#).

Georgina Cronin, Research Support Librarian, and Amy Theobald, Research Support Assistant, encourage students and researchers to sign up to these sessions. If you have any questions about these sessions, or need any help with research related matters do contact the [Moore's Research Support team](#).

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### Changes to Research Grant application deadlines POSTDOCS & ACADEMIC STAFF

The changes relating to the submission of research grant applications aim to simplify the process for submitting research grant applications through the Research Operations Office (ROO) and include:

1. Two-step checking service available until 7 working days prior to the funder submission deadline which will provide all financial checks and allow changes to the non-financial aspects of the proposals until 1 working day before the funder submission deadline.

**Alternatively, if this is not met:**

A final deadline for the entire application of 5 working days prior to the funder submission deadline for all Standard Applications and Open Calls.

2. That applications received after the ROO deadlines will **not** be submitted.
3. Raising the threshold for Small Applications to £250,000 fEC.  
This change will be implemented on Monday 1<sup>st</sup> October 2018. *What this will mean in practice is that the new deadline rules will come into force for funder deadlines that fall on the **Wednesday 10<sup>th</sup> October 2018** onwards.*

Please speak to your Finance office ([Jon Foulkes DAMTP](#), [Faith Durup DPMMS](#)) or the Research Facilitator ([Milla Kibble](#)) at the earliest opportunity if you are considering applying for a grant.

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### CULP (Cambridge University Language Programmes)

Enrolment is now open for [language courses](#) starting in Michaelmas Term at the Language Centre. They are open to all current staff and students of the University. Courses are available in over a dozen languages and in a variety of levels from Basic to Advanced. For further information, costs and to book a place, please visit the [online booking system](#). For those wishing to explore alternative modes of language study, please visit the [CULP Language Advising pages](#) for details of Conversation Hours, supported self-study and other opportunities.

### Eddington Nursery NOW TAKING BOOKINGS

The University's new nursery in Eddington is now accepting applications from families for its first intake. To find out more about the nursery and [how to apply](#) visit the Childcare Office website.

### Guidance for academic research involving personal data

Following the implementation of the General Data Protection Regulation (GDPR) and accompanying UK legislation, notably the Data Protection Act 2018, the Research Office has [prepared new guidance for researchers](#) whose academic research involves the processing of personal data. Researchers who carry out research projects using personal data are advised to familiarise themselves with this guidance, including the updated sections on preparation of participant information sheets and consent forms.

## Postdoc Calendar **MICHAELMAS TERM**

The Office of Postdoctoral Affairs (OPdA) has developed a new Postdoc Calendar, which displays all postdoc-facing events from the OPdA, Careers Service, Researcher Development Programme, PdOC Society, the Entrepreneurial Postdocs of Cambridge, and Colleges and Departments in one place. It allows users to filter events by organiser, location and category. Further events will be added to the calendar prior to the full launch for the start of Michaelmas Term 2018. To access the calendar click [here](#).

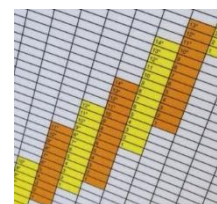


## PPD programme for 2018/2019

The Personal and Professional Development open programme of events for 2018/2019 is now available. The [Michaelmas Term 2018 flyer](#) is an overview of upcoming events and initiatives, while the full programme of the year's events can be found [here](#). You can browse the programme by timetable or themes, and in addition there are online learning resources on the [PPD On Demand webpage](#).

## University national pay settlement

The University has agreed to implement the national pay settlement recommended by the University and Colleges Employers Association (UCEA). This has provided a 2 per cent increase to the salaries of non-clinical staff on all spine points, except points 11 to 27 where increases will be slightly higher. The pay award was made in September's payroll, back dated to 1 August 2018. Further details are available on the University Human Resources [Salary scale webpage](#).



## EVENTS

### Annual Race Equality Lecture - Race and Merit: Dismantling Myths

*Monday 22<sup>nd</sup> October, 5.30pm – 7.00pm, Palmerston Room, St John's College*

As a world-leading institution, Cambridge can often take for granted recruitment and promotion on the basis of "merit". But what is meant by "merit"? Does the current definition in Cambridge contribute to sustaining racial inequalities? The keynote speaker Baroness Valerie Amos, Director of SOAS University of London, will explore these topics looking at perceptions of "merit" and how they influence and impact understanding of discrimination and prejudice. If you wish to attend please use this [link to book a place](#).

### Cambridge Festival of Ideas

*Monday 15<sup>th</sup> – Sunday 28<sup>th</sup> October*

This year's [Festival of Ideas](#) includes over 200 events and exhibitions, which will explore subjects ranging from the future of capitalism and whether marriage is healthy, to how democracy ends, and what we can learn about empathy from mystical experiences during epileptic seizures. It is now possible to [book a place at these events](#).

### European Study Group with Industry (ESGI) at CMS in 2019 **SAVE THE DATE!**

*Monday 8<sup>th</sup> – Friday 12<sup>th</sup> April 2019*

The Study Group five day workshop brings together mathematicians and industrialists to work side by side to solve a variety of real and important problems that companies are facing today. Mathematicians decide which problem they want to investigate and split into groups to work on the problems during the week. The groups gather together on the final day to present their findings. Over the years this concept has proved to be a successful mechanism for industrial collaboration and finding solutions for real problems. Next year's event (number 145) will be hosted by the Centre for Mathematical Sciences. Please save the date as all academic staff, research staff and PhD students are welcome to attend. If you would like to know more about next year's ESGI, please mail [esgi@maths.cam.ac.uk](mailto:esgi@maths.cam.ac.uk) or [Stephanie North](#).

## How do we turn talk into action? STUDENTS AND POSTDOCS

[Engage for Change](#) is a programme for people who want to learn to make change happen, through having effective conversations with those around them. You will design, implement and evaluate your own environmental sustainability-related interventions, using the University as a testing-ground for the skills that you'll develop through the programme. If you are interested in getting involved in this you can apply on the [Engage for Change website](#). The deadline for applications is 2.00pm on Friday 5<sup>th</sup> October. Throughout the Michaelmas term weekly meetings will take place on Mondays, from 5.30pm – 7.00pm.



## Let's Talk About Race

*Wednesday 17<sup>th</sup> October, 12.30pm – 1.30pm, McCrum Lecture Theatre, Bene't Street*

The racial composition of the University and what staff and students have experienced will be discussed at an event attended by the Vice-Chancellor. An institutional action plan to improve racial equality at Cambridge will also be presented. The Vice-Chancellor will reflect on the University's aspirations and the way forward towards a more inclusive University. If you wish to attend please use this [link to book a place](#).

## Supervision and Teaching Training (Maths Specific) STUDENTS

All research students have the opportunity to give supervisions (small group teaching) to undergraduates. This is normally arranged through Colleges, and can be a useful supplement to income. There is no requirement whatsoever to supervise, and students rarely do more than 3-4 hours per week. Even if you do not wish to supervise, it is an important part of your training to learn the skills required. *We therefore expect all new graduate students to attend one of the sessions below.* Note that attending supervisions as an undergraduate is not a substitute for attending supervision training.

The Faculty, in conjunction with the School Researcher Developer, offers four supervision training opportunities each year. These sessions provide teaching skills for supervising Mathematics and Mathematics in the Natural Sciences. The sessions are supported by Faculty materials/resources on how to conduct supervisions in Mathematics. All prospective supervisors are required to attend a training session prior to taking on supervision responsibilities. The training is open to anyone planning to supervise mathematics students for the first time.

### Training Sessions 2018/19

Please note that to make the training effective each of the sessions below is limited to 25 places. To book your place, please register online by clicking the link below.

[4 October 2018 - 1.30pm - 4.00pm](#)

For those who have done an undergraduate degree in Cambridge

[11 October 2018 - 1.30pm - 4.00pm](#)

For those who did their undergraduate degree elsewhere

[15 October 2018 - 1.30pm - 4.00pm](#)

For anyone unable to make the sessions above

January 2019 - Details TBC

For anyone unable to make the sessions above

## GENERAL INFORMATION

### Changes in Administrative Staff

#### New starter:

We are delighted to announce that *Ms Jade Scard* will be joining DAMTP on Monday 8<sup>th</sup> October as the new REF Project Manager. Her contact details are listed in the table below.

### Faculty Administrative Staff

Please find below the current list of administrative staff across the Faculty:

GRADUATE OFFICE [Located in DPMMS]				
Tessa Blackman	Administrative Assistant	C0.15	37921	<ul style="list-style-type: none"> <li>PhD in Analysis (CCA – EPSRC CDT) <a href="mailto:cca@maths.cam.ac.uk">cca@maths.cam.ac.uk</a></li> <li>PhD in Pure Mathematics and Mathematical Statistics (DPMMS) <a href="mailto:purephd@maths.cam.ac.uk">purephd@maths.cam.ac.uk</a></li> <li>PhD examination process <a href="mailto:degree-committee@maths.cam.ac.uk">degree-committee@maths.cam.ac.uk</a></li> </ul>
Sarah Dodd	Graduate Office Manager	C0.14	39794	<ul style="list-style-type: none"> <li>MRes in Mathematical Genomics and Medicine</li> <li>Visiting Students (postgraduate)</li> <li>Changes to student status (e.g. intermission; leave to work away)</li> <li>Supervision reporting and student self-evaluation <a href="mailto:grad-administrator@maths.cam.ac.uk">grad-administrator@maths.cam.ac.uk</a></li> </ul>
Sue Gaw	Administrative Assistant	C0.15	37965	<ul style="list-style-type: none"> <li>PhD in Applied Mathematics and Theoretical Physics (DAMTP). <a href="mailto:dampres@hermes.cam.ac.uk">dampres@hermes.cam.ac.uk</a></li> </ul>
Aurora Gutiérrez Antonio	Administrative Assistant	C0.15	37966	<ul style="list-style-type: none"> <li>MPhil in Computational Biology.</li> <li>Part III (MMath/MAST). <a href="mailto:partiii-secretary@maths.cam.ac.uk">partiii-secretary@maths.cam.ac.uk</a></li> <li>Researcher Development (including supervision training). <a href="mailto:researcherdevelopment@maths.cam.ac.uk">researcherdevelopment@maths.cam.ac.uk</a></li> <li>Smith-Knight Raleigh-Knight Prize Essay <a href="mailto:smithprizes@maths.cam.ac.uk">smithprizes@maths.cam.ac.uk</a></li> </ul>
Sam Pinner	Administrative Assistant	C0.15	37919	<ul style="list-style-type: none"> <li>Part III (MMath/MAST) <a href="mailto:partiii-secretary@maths.cam.ac.uk">partiii-secretary@maths.cam.ac.uk</a></li> <li>Postgraduate Open Day <a href="mailto:pg-open@maths.cam.ac.uk">pg-open@maths.cam.ac.uk</a></li> </ul>

HR OFFICE [Located in DAMTP]				[hr-office@maths.cam.ac.uk]
Julie Bazin	HR Office Manager	B1.31	64289	<a href="mailto:hr-office@maths.cam.ac.uk">hr-office@maths.cam.ac.uk</a>
Tracey Flack	HR Office Administrator	B1.31	60533	<a href="mailto:hr-office@maths.cam.ac.uk">hr-office@maths.cam.ac.uk</a>
Virginia Mullins	Pavilion F Secretary / HR Office Administrator	F0.09	60394	<a href="mailto:pavfsec@damtp.cam.ac.uk">pavfsec@damtp.cam.ac.uk</a>
Amanda Stagg	HEP Group Secretary /HR Office Administrator	B2.16	37873	<a href="mailto:hepsec@damtp.cam.ac.uk">hepsec@damtp.cam.ac.uk</a>
Alessandra Uomo	Pavilion H Secretary / HR Office Administrator	H1.11	37094	<a href="mailto:pavhsec@damtp.cam.ac.uk">pavhsec@damtp.cam.ac.uk</a>

<b>UNDERGRADUATE OFFICE</b>				[undergrad-office@maths.cam.ac.uk]
[Located in DAMTP]				
Vacant	Undergraduate Office Administrator	B1.28	66879	<a href="mailto:undergrad-office@maths.cam.ac.uk">undergrad-office@maths.cam.ac.uk</a>
Denise Champion	Pavilion G Secretary / Undergraduate Office Administrator	G1.10	37870	<a href="mailto:pavgsec@damtp.cam.ac.uk">pavgsec@damtp.cam.ac.uk</a>
Mycroft Roşca Mead	Undergraduate Office Administrator	B1.28	39144	<a href="mailto:undergrad-office@maths.cam.ac.uk">undergrad-office@maths.cam.ac.uk</a>
<b>Kati Sexton</b>	<b>Undergraduate Office Manager</b>	B1.28	37968	<a href="mailto:undergrad-office@maths.cam.ac.uk">undergrad-office@maths.cam.ac.uk</a>

<b>DAMTP ADMINISTRATIVE STAFF</b>				
Sophy Bristow	MAGIC Co-ordinator	H1.11	36494	<a href="mailto:sb2257@cam.ac.uk">sb2257@cam.ac.uk</a>
<b>Hannah Fox</b>	<b>Departmental Administrator</b>	<b>B1.30</b>	<b>37863</b>	<a href="mailto:dampsec@maths.cam.ac.uk">dampsec@maths.cam.ac.uk</a>
Sarah Jefferys	Faculty Administrator (Faculty Board)	B1.29	37854	<a href="mailto:secretary.board@maths.cam.ac.uk">secretary.board@maths.cam.ac.uk</a>
Milla Kibble	Research Facilitator	H2.08	64076	<a href="mailto:mmk60@cam.ac.uk">mmk60@cam.ac.uk</a>
Stephanie North	Knowledge Transfer Facilitator	G0.14	60414	<a href="mailto:sn468@cam.ac.uk">sn468@cam.ac.uk</a>
James Parke	CTC Administrator/GR Group Secretary	B0.42	64267	<a href="mailto:grsec@damtp.cam.ac.uk">grsec@damtp.cam.ac.uk</a>
Faith Payne	PA to Departmental Administrator	B1.29	60532	<a href="mailto:pa-dampsec@maths.cam.ac.uk">pa-dampsec@maths.cam.ac.uk</a>
June Rix	PA to Head of Department & Chief Secretary	B1.34	39843	<a href="mailto:hod-sec@damtp.cam.ac.uk">hod-sec@damtp.cam.ac.uk</a>
Jade Scard	REF Project Manager	B2.16	62872	<a href="mailto:jrs96@cam.ac.uk">jrs96@cam.ac.uk</a>
Josh Stevens	Institute and Centre Administrator for CCIMI and CMIH	F0.09	38177	<a href="mailto:ccimi@maths.cam.ac.uk">ccimi@maths.cam.ac.uk</a> <a href="mailto:cmih@maths.cam.ac.uk">cmih@maths.cam.ac.uk</a>

<b>DAMTP FINANCE OFFICE</b>				
Sue Burnham	Senior Accounts Clerk	B1.27	37855	<a href="mailto:finance@damtp.cam.ac.uk">finance@damtp.cam.ac.uk</a>
<b>Jon Foulkes</b>	<b>Accountant</b>	<b>B1.27</b>	<b>38092</b>	<a href="mailto:accountant@damtp.cam.ac.uk">accountant@damtp.cam.ac.uk</a>

<b>DPMMS ADMINISTRATIVE STAFF</b>				
Julia Blackwell	Head of Department's Secretary	C1.01	37994	<a href="mailto:hodsec@dpmms.cam.ac.uk">hodsec@dpmms.cam.ac.uk</a>
<b>Vivien Gruar</b>	<b>Departmental Administrator</b>	<b>C1.20</b>	<b>37996</b>	<a href="mailto:dpmmssec@dpmms.cam.ac.uk">dpmmssec@dpmms.cam.ac.uk</a>
Arti Sheth Thorne	ERC Grants Administrator	C1.13	37976	<a href="mailto:ERCAdmin@maths.cam.ac.uk">ERCAdmin@maths.cam.ac.uk</a>
John Shimmon	Department Admin Assistant	C1.13	37959	<a href="mailto:j.shimmon@statslab.cam.ac.uk">j.shimmon@statslab.cam.ac.uk</a>

<b>DPMMS FINANCE OFFICE</b>				
<b>Faith Durup</b>	<b>Grants and Finance Manager</b>	<b>C1.19</b>	<b>37958</b>	<a href="mailto:finance@dpmms.cam.ac.uk">finance@dpmms.cam.ac.uk</a>
Angela Smith	Finance Assistant	C1.19	37999	<a href="mailto:Angela.Smith@admin.cam.ac.uk">Angela.Smith@admin.cam.ac.uk</a>

## LOCAL ENVIRONMENT & SUSTAINABILITY

### CMS Facilities Team – Summer projects report

This summer CMS Facilities have had one of its busiest years, hiring many of its lecture rooms and even a proportion of the car park to external organisations, generating an income of £15k. As the site is now 16 - 18 years old some items are starting to suffer from wear and tear, and that money along with significant reserves has helped to fund many maintenance projects this summer.

In addition Estate Management have continued to fund and oversee the completion of:

- the change from the vulnerable Siemens BMS system to Trend, completing a one year project to upgrade Pavilion B
- the replacement lighting controls project in Pavilion E, in order to provide lighting control spares for the rest of the site for several years to come.

### Carpet fitting at CMS

This summer B1.19 Common Room (*right*), MR3, parts of the library staircase, seven lift cabs and twenty eight offices have been re-carpeted with the original high specification carpet and underlay. We have kept any joins to a minimum and taken the opportunity to deep clean all of those offices.



### Central Core

All of the wooden window sills have been sanded and re-varnished, and all the low level leather chairs have had the underneath of the seat pads refurbished, as the fabric had started to crumble. Unfortunately the roof still leaks, albeit to a lesser extent than in the past, and there will be some further maintenance work in the coming weeks to replace the silicone joints.

### MR2 - new HDMI Laser data projector and audio

MR2 is now back at the forefront of AV with a new 6500 lumens laser data projector taking an HDMI signal. Two lanyard and two handheld microphones are available. This work has been supported the Central Facilities AV team and fund matched by The School.

### Lecture Room signage

Additional signage has been added to many of the lecture rooms with some further signs planned.

### MR3, MR4 and MR5

125 lecture room chairs have been re-upholstered in MR4 and MR5, and MR3, MR4 and MR5 have also been redecorated with the original colour scheme.

### CMS Pool bikes

Owing to the success of the scheme another pool bike has been purchased, so CMS now has three unisex hybrid pool bikes (2 x large & 1 x medium frame). CMS also have a spare bike lock which can be borrowed if ever needed.

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### Universal Bus - information

From Saturday 6<sup>th</sup> October the operating hours of the 'Universal' bus will be extended, and they will operate for longer periods on weekdays and there will be a new Sunday service. Details of the new timetable will be posted on Twitter (@busuniversal) and their website.

Tickets for the [Universal U and Guided Busway C](#) routes can now be purchased online by credit or debit card using i-Phones or Android phones. Simply search for 'Whippet m-ticket' in the App Store or in Google Play and download the App. Full details are available on the [Whippet web page](#).