

## ACADEMIC NEWS

Professor David Spiegelhalter (Statistical Laboratory/Churchill College) talked to Time magazine about The Simpsons' impressive record of predicting the Super Bowl results. [Time](#)

The following academics will be visiting DAMTP:

Visitor	Host or Research Group	Dates of visit
Professor Peter Lepage	HEP Group	06/02/2019 – 23/07/2019
Professor Yuri Sobral	Stephen Cowley	07/02/2019 – 31/01/2020

The Faculty would like to extend their congratulations to the following students who have recently completed their PhD's:

- James Kilbane
- Mark Rowland
- Christopher King
- James McTavish
- Niall O'Keefe

## ANNOUNCEMENTS

### Betty & Gordon Moore Library – Moore Methods

We're halfway through Lent Term which means we're also halfway through our regular lunchtime Moore Methods research skills programme, run by the Moore Library! But fear not, there's still plenty of time to come along to a session. To find out what you can explore this term, check out the University Training Booking System here: <https://www.training.cam.ac.uk/cul/programme/2689421>

If you're looking for even more research skills development opportunities, the Moore Library team also contributes to the STEM Researcher Development Programme and there's lots to explore there too: <https://www.training.cam.ac.uk/cul/programme/2686969>.

### Rouse Ball Travelling Studentship in Mathematics 2019

The Rouse Ball Travelling Studentship in Mathematics, for academical year 2019-20, is for the study of mathematics or the application of mathematics in a university or equivalent institution outside the British Isles. Preference will be given to a candidate who intends to study at a European university.

The Studentship is open to any graduate of the University of Cambridge, to any graduate of the University of London (who has studied as an internal student at University College London), and to any person who at the date of the election is either a Graduate Student of the University of Cambridge or a candidate of one of the following: Part III of the Mathematical Tripos; M.Phil. in Advanced Computer Science.

This is provided that the candidate shall not normally have attained the age of twenty-seven on or before 31 December 2018. The Electors have discretion, in accordance with the expressed wish of the founder, to give preference to a member of Trinity College, Cambridge. The Studentship is tenable for one year or lesser period although the Studentship is not normally intended solely for attendance at conferences or summer schools. The Studentship may pay approved fees and a contribution towards maintenance comparable to those provided by UK research councils. A successful candidate is not eligible for re-election.

The amount of the emolument will be decided by the Electors in the light of information supplied by the candidate. A studentship may be provided to more than one candidate.

An application should be submitted to: The Senior Tutor, Trinity College, Cambridge, CB2 1TQ, via [awards@trin.cam.ac.uk](mailto:awards@trin.cam.ac.uk), providing the following details:

- Particulars of the candidate's qualifications and proposals for study;
- Which university the candidate wishes to visit;
- When the visit will take place and the duration of the visit;
- The estimated cost of the visit;
- Letters of reference from the candidate's Supervisor/Director of Studies;
- Evidence of an invitation from the prospective host.

The closing date for applications is **1<sup>st</sup> March 2019**

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### **Researchfish – 2019 submission**

This notice applies to those who receive funding from the following sources: *URIK (AHRC, BBSRC, ESRC, MRC, NERC, EPSRC, STFC), BHF, CRUK, Cystic Fibrosis Trust, NIHR, Alzheimer's Research UK, NC3Rs, Rosetrees Trust, and the UK Space Agency.*

This year's [Researchfish](#) submission period runs from *Monday 4<sup>th</sup> February - 4.00pm on Thursday 14<sup>th</sup> March.* Please read the information supplied on the Researchfish website and respond to the email you should have received about making your submission. You are required to make your submission before the deadline.

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### **Bitesize Training Session, Working in Teams** SUPPORTSTAFF, STUDENTS & RESEARCHERS

*Monday 18 February, 1.15pm-2.15pm in MR4*

The Faculty of Maths are pleased to offer another lunchtime session of bite-size topics. 25 places are available on each session and a sandwich lunch will be provided.

"Team Dynamics" are invisible forces that operate between different people or groups in a team.

They can have a strong impact on how a team behaves or performs and their effects can be complex.

Spaces can be booked filling out the following form:

<https://docs.google.com/forms/d/1xSxWPg5jnsGw0oQOEQU2v4tVn0Gr8B2lWTtC1X6h6c/edit>

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### **STEP Support Programme update**

Following extensive publicity by the Faculty, Colleges and Admissions Office, the online STEP Support Programme (<https://maths.org/step/>) is attracting very high levels of interest and engagement. The programme assignment modules consist of structured mathematical problem-solving exercises leading to work on selected STEP questions, accompanied by guidance material and topic notes. There are currently 48 modules published online, including over 130 STEP questions. Use of the programme has grown very rapidly (in 2017/18 there were over 128,000 unique downloads of the assignment materials in total, with around 1,800 users demonstrating significant and sustained levels of engagement with multiple programme modules) and the feedback from students has been overwhelmingly positive.

To supplement and extend the online support available, every UK state school student holding a conditional Cambridge offer including STEP 2 and 3 (i.e. Mathematics and a small number of Computer Science offer-holders) has also been invited to attend an optional STEP preparation full day event in March. Identical events will be held on three days: 5, 7 and 14 March (see <https://maths.org/step/cambridge-state-school-offer-holders-day-2019> for more information).

Invitations were sent out to all 297 UK state-school offer holders by the Cambridge Admissions Office on 4 February, and take-up is again high, with 150 students registering in the first week.

## **EVENTS**

### **Annual LGBT History Month Lecture: Trans People: Flashback and Backlash**

*Thursday 21<sup>st</sup> February, 5.30pm-6:30pm, McGrath Centre, St Catharine's College*

**Christine Burns MBE** campaigned for a quarter of a century for the civil rights of transgender people and has been involved with the community for more than 40 years. She is the editor of the recently published book 'Trans Britain: Our Journey from the Shadows' - a comprehensive account of the landmark events which shaped the transgender community over the last five decades.

To book your place please click [here](#).

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### **Brexit Open Meeting**

*Tuesday 19<sup>th</sup> February, Babbage Lecture Theatre 2.00pm-3.30pm*

The University is holding an open meeting to update staff and students on the University and Colleges' preparations.

There will be an opportunity to put questions to a panel of senior academic leaders and experts from different parts of the University administration, and to hear the Vice-Chancellor speak. The event will be recorded and posted to the University's staff webpages: <https://www.staff.admin.cam.ac.uk/>

To attend the meeting, please book a place via Eventbrite by clicking this link or copying and pasting it into your browser:

<https://www.eventbrite.co.uk/e/brexit-open-meeting-for-staff-and-students-tickets-55768976510>

As we approach 29<sup>th</sup> March 2019, please also be aware of the University Brexit webpages

<https://www.eu.admin.cam.ac.uk>. This will be the place to go to find the latest information from the University on Brexit-related issues.

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### **Cambridge Science Festival – 13<sup>th</sup> Andrew Chamblin Lecture**

*Wednesday 20<sup>th</sup> March, 5pm, Lady Mitchell Hall*

The 13<sup>th</sup> Andrew Chamblin Memorial Lecture will be held on Wednesday 20<sup>th</sup> March 2019 at 5pm in the Lady Mitchell Hall, Sidgwick Avenue, CB3 9DA. Speaker: John Ellis, Clerk Maxwell Professor of Theoretical Physics, King's College, London focuses his research on phenomenological aspects of elementary particle physics and connections with astrophysics, cosmology and quantum gravity.

#### **'What are we? Where do we come from? Where are we going?'**

These are fundamental questions about the Universe and our place within it that particle physicists address by studying the fundamental constituents of matter using the Large Hadron Collider (LHC) at CERN. Its collisions recreate the conditions in the first fraction of a second after the Big Bang, enabling us to investigate what happened in the distant past and suggesting what may happen to the Universe in the distant future. Following the discovery of the Higgs boson, LHC experiments are now looking for particles of dark matter.

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### **Cambridge Science Festival - Maths Public Open Day**

*Saturday 23<sup>rd</sup> March 2019, 12noon – 4.00pm*

The [Cambridge Science Festival](#) takes place every year in March, and is the UK's biggest free science festival. The biennial *Science Festival Maths Open Day* event, which is part of the Cambridge Science Festival, is being hosted by both Departments in CMS. The organisers are looking for people to get involved, either by creating activities and displays, or by volunteering to help run existing activities on the day. This event is always a great opportunity to engage with the public, where you can gain communication experience and develop useful transferable skills, and it is enormous fun to take part in. The last Maths Open Day event in 2017 was a huge success, with over 70 student and staff volunteers involved on the day, and attracting hundreds of enthusiastic visitors, mostly families with children. Activities tend to be pitched at a core audience of interested and excited 8 to 12 year olds with accompanying adults. You can get a sense of the event by reading this article on the [Faculty website](#). The organisers would encourage all who are interested in taking part this year to look at the information on the [Maths Open Day – Get Involved webpage](#).

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### **University Sports Centre Running Group Leaders – Training Opportunity**

The University Sports Centre are proposing to develop a network of running groups for University Staff. These would be led by trained Run Leaders from University Departments, Schools and Divisions with central guidance and support provided by the Sports Service. In order to be in a position to launch this initiative effectively in the Easter Term 2019, the Sports Service is proposing to organise a Run Leaders course on Monday 18<sup>th</sup> March 2019. Initially there will be 24 places available on the England Athletics "Leadership in Running Fitness" course. If you would be interested in being a run leader, please contact [james.powley@sport.cam.ac.uk](mailto:james.powley@sport.cam.ac.uk).

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## Twilight at the Museums

During February half-term, museums and collections across Cambridge are opening their doors for a series of FREE, drop-in adventures and activities after dark. For more information on what's happening where, visit the [Twilight webpage](#).



**Twilight at the Museums**  
Wednesday 20 February 2019  
4.30 - 7.30pm  
[www.museums.cam.ac.uk/twilight](http://www.museums.cam.ac.uk/twilight)  
**One night of unmissable family adventure**

**FREE!**

UNIVERSITY OF CAMBRIDGE  
**MUSEUMS**  
& BOTANIC GARDEN

## GENERAL INFORMATION

### Dignity @Work Policy

The University is dedicated to creating and maintaining a safe, welcoming, inclusive and diverse community which nurtures a healthy environment and culture of mutual respect and consideration, allowing all members of the University Community to thrive without fear of harassment, bullying, racial discrimination, sexual violence, abuse, coercive behaviour, sexual harassment or related misconduct.

The Dignity at Work Policy details this commitment and explains what actions can be taken if its principles are not observed. For more information about the policy, please visit <https://www.hr.admin.cam.ac.uk/policies-procedures/dignity-work-policy> or speak to your Departmental Administrator.

### Employee Self Service

If you have recently changed address, or are new to the University, please spare a moment to update your details on the Employee Self Service <https://www.hrsystems.admin.cam.ac.uk/systems/systems-overview/employee-self-service-ess>.

### Sickness Absence Reporting **ALL STAFF**

If you are unwell for 7 days or less and are not able to attend work, please complete a self certificate on your return to work, <https://www.hr.admin.cam.ac.uk/forms/chris62-sickness-self-certificate> and return to the Mathematics HR Office. For absences of more 8 days or more, a Statement of Fitness for Work (or 'Fit Note') must be obtained from a doctor. A fit note will advise that either an employee is unfit for work or that they may be fit for work subject to reasonable adjustments. For more details about the University's sickness absence policy please visit <https://www.hr.admin.cam.ac.uk/policies-procedures/sickness-absence-policy>.