

ACADEMIC NEWS

DPMMS:

Emmanuel Breuillard gave a talk on 'Homogeneous flows and diophantine geometry' at the New Frontiers in Mathematics: Imperial College London and CNRS international symposium celebration earlier in the month. You can watch [his talk via this link](#).

David Spiegelhalter (Statistical Laboratory) – was featured on [More or Less on BBC Radio 4](#) talking about a paper in the Journal of Public Health which misrepresented its own study's results in its conclusions, claiming that they showed that there was evidence of harm for those who drank above 1 unit of alcohol per day, when the results actually showed a benefit of drinking up to 2 units per day. His blog on the subject is at: <https://medium.com/wintoncentre/bizarre-conclusions-from-alcohol-study-853ea236992e>.

David has also recently discussed in the programme [People of Science](#) with Professor Brian Cox, how the work of amateur mathematician Thomas Bayes and statistician Ronald Fisher helped to shape the current thinking of probability.

DAMTP:

Helen Mason will be giving a talk at the Cambridge Associate for Women in Science and Engineering (CamAWISE) on 'A life in the Sun: supporting each other on our journey'; on Thursday 6th February, from 8.00pm at Lucy Cavendish College. Details on this event and how to book a place can be found on the [CamAWISE website](#).

Former DAMTP PhD student Tom Crawford has recently published the following items on his [website](#):

- [My favourite science story of 2017](#)
- [Funbers Golden Ratio](#) and [Funbers 2](#) - the next two episodes in the new series with BBC Radio Cambridgeshire.
- [How do things become popular?](#)

ANNOUNCEMENTS

2018 L'Oréal-UNESCO for Women in Science UK & Ireland Fellowship Awards Programme

The 2018 L'Oréal-UNESCO for Women in Science UK & Ireland Fellowship Awards Programme is now receiving applications. They will be awarding five outstanding female early-career scientists a bursary of £15,000, which is designed to provide practical help to aid female researchers in continuing their cutting-edge research. The fellowship awards are open to female early-career researchers working in the field of life and physical sciences, engineering, **mathematics** and computer sciences. Applications need to be made online at www.womeninscience.co.uk by the deadline of *Friday 16th February 2018*.

David Crighton Fellowship 2018 CLOSING DATE 31st JANUARY

The David Crighton Fund was set up in memory of the late Professor David Crighton FRS, to provide support for young scholars in his research field, i.e. the subfield of applied mathematics concerned with fluid mechanics, acoustics, waves and vibration. The managers of the Fund are accordingly offering up to four David Crighton Fellowships for research students and postdoctoral fellows in these areas. Applications are welcome from candidates based in Departments of Mathematics, Engineering or Physics in Cambridge and elsewhere. Full details on this fellowships and how to apply can be found on the [David Crighton Fellowships webpage](#). Applications for these fellowships should be submitted by email to the [Head of Department's Secretary](#) by *Wednesday 31st January*.

Language Centre: Cambridge University Language Programmes (CULP)

Enrolment is now open for [language courses starting in this term](#) at the Language Centre. They are open to all current staff and students of the University. The [CULP \(Cambridge University Language Programmes\)](#) courses could be valuable for future employability, open up overseas placement or study opportunities, enhance academic options, or simply enhance your future travel experiences. Courses are available in 14 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 our [Language Advising pages](#) for details of Conversation Hours, supported self-study and other opportunities.

Office of Scholarly Communication **COMPETITION**

Have your research turned into a story for the Cambridge Science Festival

As part of the University Science Festival, the Office of Scholarly Communication will be hosting a storytelling event for families with Marion Leeper, the first Bard of Cambridge. The Office of Scholarly Communication are seeking keen researchers from each of the six Schools with interesting areas of study to join them, and see their research interpreted in a whole new light in a new public event aimed at sharing the University's open research with members of the community in a unique and novel way. Application eligibility: you are a current researcher at the University and have your research output in the [Apollo repository](#); including, but not limited to, data, research paper, photograph. More details on how to apply are available from the Office of Scholarly Communication <https://osc.cam.ac.uk/training/competition-science-festival-2018>. The deadline for applications is 6.00pm on *Wednesday 31st January*.

Philip Leverhulme Prizes – 2018 round

Nominations and applications for the Philip Leverhulme Prize are now open. Philip Leverhulme Prizes recognise the achievement of outstanding researchers whose work has already attracted international recognition and whose future career is exceptionally promising. Every year the prize scheme makes up to thirty awards of £100,000, across a range of academic disciplines. For the 2018 competition the selected subject areas are: Classics, Earth Sciences, **Physics**, Politics and International Relations, Psychology and Visual and Performing Arts. The disciplines selected are intentionally broad, and nominations will be considered irrespective of a nominee's departmental affiliation. The 2018 round closes to nominations on *Thursday 17th May 2018*. Further details can be found on the [Leverhulme Trust webpage](#).

Tripes Examinations **HELPERS WANTED**

The Mathematics Faculty needs help for the 2018 Tripos examinations (*Thursday 31st May to Tuesday 12th June*), as follows:

<i>Invigilators and / or attendants</i> for the Part III examinations
<i>Mark checkers for Undergraduate Tripos Examinations</i> are responsible for: <ul style="list-style-type: none">• checking that the examiner has not inadvertently left a mark unmarked.• checking that the marks are correctly added up and transferred from scripts to mark book to computer.• re-sorting scripts back into candidate number order.
<i>Mark checkers for Computational Projects</i> Essentially the same process as above but slightly different detail
<i>Script sorters</i> for the Mathematical Tripos and NST examinations are required between 31 st May and 12 th June. Scriptsorting takes places immediately after the exams and involves: <ul style="list-style-type: none">• checking there are no missing scripts• checking that students have filled in the cover sheets correctly• sorting the scripts into piles for each examiner to collect and mark

Payments:

For invigilation and/or checking marks: £12.00/hour

For script sorting: office hours: £10.50/hour and evening hours: £20.00/hour

For being an attendant: £10.50/hour

The only qualification is reliability – this is obviously important work and if you say you will be available this is a firm commitment. You will be well briefed beforehand on what to do, but come and see us if you want further details now. The examinations take place this year from Thursday 31st May to Tuesday 12th June, and mark checking would be over by a week later. Even if you know you will only be available for part of this period, any help you can give would be greatly appreciated. Further information can be requested by e-mail: undergrad-office@maths.cam.ac.uk

EVENTS

Betty & Gordon Moore Library – Moore Methods

Details on this term's Betty & Gordon Moore Library [Moore Methods \(Research Skills Programme\)](#), and how to book a place, are now available on their Research Events webpage.

Bite-Sized Training Sessions PROFESSIONAL SUPPORT STAFF AND PHD STUDENTS

Following on from last terms sessions there will be two bite-sized topic sessions this term, and one in Easter Term. The purpose of these courses is to take away tips for improvement and / or a greater understanding of the area which may lead to you attending a more in depth course. A sandwich lunch will be provided and there are limited spaces for each session. You can book a space for a session by using the links below.

- *Monday 19th February* - Session 4. [Getting the best out of people](#)
- *Monday 30th April* - Session 5. [Building personal resilience](#)

Disability Resource Centre Training

The following disability training courses are being offered this term. You can sign up for a course using the links below:

- Teaching Disabled Students (Briefing)
Monday 12th February, 12.45pm – 2.00pm. See [PPD site to book your place.](#)
- Supporting Students in Distress: Boundaries & Boomerangs
Thursday 1st March, 12noon – 2.00pm. See [PPD site to book your place.](#)
- Teaching Students with Specific Learning Difficulties (Briefing)
Thursday 8th March, 12.45pm – 2.00pm. See [PPD site to book your place.](#)

The Emmy Noether Society

Thursday 1st February, 6.00pm at Room 5, Mill Lane Lecture Room

The ENS are starting Lent term with a talk by Marj Batchelor on 'Collaborative Study: Why we should work together, and how to get the most out of the experience'. There will be food and drink provided from 5.45pm before the talk.

The Betty & Gordon Moore Library Presents...

Moore Methods

All sessions 1-2pm, The Glass Room



January 2018

Friday 26th: Level up your search strategy
Wednesday 31st: How to avoid falling onto the spikes of copyright

February 2018

Wednesday 7th: "Itsa me! Luigi!" [citation needed] - unlocking your referencing skills
Wednesday 14th: Don't be Leeroy Jenkins - or how to manage your research data without getting your whole project wiped out
Tuesday 20th: It's dangerous to go alone, take this - using Twitter for research

March 2018

Friday 2nd: Player 2 has entered the game - ways of working towards open science
Tuesday 6th: Beating your final boss battle, or presenting with confidence and style (easy mode)
Friday 9th: Beating your final boss battle, or presenting with confidence and style (tough mode) *This session runs 2-4pm

For further details and bookings visit:
<http://bit.ly/2hGJiEX>

GENERAL INFORMATION

Telephone System maintenance

The Telecoms Office will be doing routine maintenance to the phone system on Saturday 3rd February in the afternoon. There will be some disruption to the service provided while phone will be rebooted several times, and calls in progress will be cut off. Normal services should resume after this. If you encounter any problems on the Monday please contact your departments Telephone Liaison Officer ([DAMTP](#) / [DPMMS](#)).

Supervision Reporting SUPERVISORS

PhD supervisors are reminded that they are required to provide a supervision report on each of their PhD students on at least a termly basis. Full details of how to complete supervision reports, including registration reports, are given on the [Degree Committee website](#). If you are not a UTO you will be eligible to claim a payment of £55 per student per term for supervising. Please note that we can only authorise this payment if you have submitted a report. Forms and queries should be directed to Sarah Dodd, [Graduate Office Manager](#) (C0.14).

CAM LATES

[Botanic Nights at the Botanic Garden](#)

Wednesday 14th February, 6.30pm-8.30pm, Botanic Garden

Spend a special evening in the warmth of the Botanic Garden's impressive Glasshouse Range with atmospheric light displays and wine from around the world. Tickets are £18 and this includes two glasses of wine. Details on this event and how to book are available on the [Cam Lates website](#).

[Under the fig leaf at the Museum of Classical Archaeology](#)

Thursday 15th February, 7.00pm-9.00pm, Museum of Classical Archaeology

Discover the naughtier side of the Museum of Classical Archaeology's collection after hours. Uncover some of the saucy and amorous tales behind the sculptures through tours and a very special hunt - and see the iconic classical statues illuminated as you've never seen them before. Tickets: £5 and this includes a complimentary drink. Details on this event and how to book are available on the [Cam Lates website](#).

LOCAL ENVIRONMENT & SUSTAINABILITY

Environmental Sustainability Induction Training available for staff

The Environment and Energy section have developed an online Environmental Sustainability Induction module to educate staff about sustainability at the University of Cambridge. The module looks at the areas of energy, waste and recycling, travel and transport, water management and sustainable procurement. Within each section course participants will learn about the impact the University has on the environment, what the University is doing to reduce this impact and how staff can get involved. The module will take 20 minutes to complete and can be accessed by this [link](#).