

## ACADEMIC NEWS

### DPMMS:

Congratulations to *Caucher Birkner* who has been selected for the William Hopkins Prize of the Cambridge Philosophical Society given for research and spectacular results over the last three years and in particular for work on the proof of the Borisov-Alexeev-Borisov (BAB) conjecture on the boundedness of Fano varieties.

*David Spiegelhalter* recently discussed 'coincidences' on the [BBC Radio 4 - Seriously...](#) programme (starts at 1m 50s); and the statistical probability of people sharing the same birthday on the [BBC Radio 4 - More or less](#) programme (starts at 23m 10s); and he has also [published a blog](#) about the recent Starbucks legal case in California, pointing out that the court's misunderstandings of statistics meant that they were requesting a level of evidence that would require a study of 85 billion people to provide.

### DAMTP:

The Department were saddened to report the death of *Stephen Hawking* on Wednesday 14<sup>th</sup> March. His obituary and details on his life's work can be viewed on the [Centre for Theoretical Cosmology website](#), the [Faculty website](#) and the [University website](#).

Research led by *Julia Gog* which models the impact of an influenza epidemic on the UK recently featured in the BBC programme: '[Contagion! The BBC FOUR Pandemic](#)'. Julia has also recently published the following papers: '[A new method for detecting signal regions in ordered sequences of real numbers, and application to viral genomic data](#)', and '[Contagion! The BBC Four Pandemic – The model behind the documentary](#)'.

*James Munro* (PhD student) was recently awarded a SIAM UKIE Prize for his excellent contributed talk, 'The initial dynamics of drop coalescence' at the 60<sup>th</sup> British Applied Mathematics Colloquium (BAMC2018).

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

- Marine Dupoiron (Environmental & Industrial Fluid Dynamics)
- Amit Hazi (DPMMS)
- Dominic Dold (CCA – DPMMS)
- Stephen Kissler (Disease Dynamics)
- Parousia Rockstroh (CCA – DAMTP)

## DAMTP ACADEMIC VISITORS

The following academics will be visiting DAMTP:

Visitor	Host or Research Group	Dates of visit
Dr Yong Chen	Lorna Ayton (Fluid Mechanics)	04/04/2018 – 03/09/2018
Lior Horesh	CCIMI	30/04/2018 – 11/05/2018
Professor Douglas Lin	Gordon Ogilvie (Astrophysics)	18/03/2018 – 13/07/2018

## ANNOUNCEMENTS

### 2018 Tripos Examinations HELPERS STILL NEEDED

The 2018 Tripos Examinations are scheduled to take place from *Thursday 31<sup>st</sup> May* to *Tuesday 12<sup>th</sup> June*. The Maths Faculty is still short of helpers for various roles to do with the examinations, and is looking to recruit **Post Docs** and **Research Students** who are interested in getting involved. If you interested please contact the Undergraduate Office ([undergrad-office@maths.cam.ac.uk](mailto:undergrad-office@maths.cam.ac.uk) / 37968) for further information and an application form. The available roles, and the rates of pay, are below:

Role	Rate of pay
Invigilators	£12.00 p/h
Attendants	£10.50 p/h
Mark checkers	£12.00 p/h
Script sorters	£10.50 p/h

### Data Protection Legislation – change in the law ALL STAFF

New data protection legislation, the General Data Protection Regulation (GDPR), comes into force on *Friday 25<sup>th</sup> May 2018*, replacing the Data Protection Act. It is important that all staff understand the fundamentals of data protection legislation, and especially the GDPR. As such all staff are encouraged to read the [information published](#) by the University and the linked pages. Staff will be asked to complete an online University data protection training course later in the year.

### Language Centre CULP courses – Easter Term

Enrolment is now open for semi-intensive language courses starting in Easter Term at the Language Centre. 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 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 our [Language Advising pages](#) for details of Conversation Hours, supported self-study and other opportunities.

### Personal and Professional Development - Staff Review and Development for Reviewees

*Tuesday 22<sup>nd</sup> May, 9.30am – 1.00pm at Greenwich House, Edmonton Room*

This training is aimed at University staff who are preparing for their own review. Full details are available on the website. Places are still available; please use this [link to register your interest](#).

### Stay Safe Online STAFF

Cyber security training is now available for all University staff from University Information Services (UIS): [www.uis.cam.ac.uk/cybersecuritytraining](http://www.uis.cam.ac.uk/cybersecuritytraining).

The training helps staff to stay safe online at home and at work. The training includes short videos, transcripts and quizzes on the following topics: phishing, spearphishing, passwords, fake websites, financial fraud via email forgery, and malware.

The Moodle course is one of the tools developed by UIS to help all staff stay safe online, as part of a major programme to improve cyber security across the University. Everyone is encouraged to enrol in the course. If you have any queries about the cyber security programme or the training, please contact [comms@uis.cam.ac.uk](mailto:comms@uis.cam.ac.uk).

### Vice Chancellor's Awards

The University runs two sets of parallel awards to recognise achievements in the areas of Impact and Public Engagement with Research. Applications for the 2018 Awards are currently open with deadlines of:

- [Public Engagement with Research Award](#)

Prize value: £1000. Application deadline is *Friday 18<sup>th</sup> May 2018*. They are looking for researchers and staff across all six academic Schools at the University, from every career stages, to submit an application. Previous applicants are encouraged to reapply with revised applications. Full details on eligibility criteria and how to apply can be found via the link above.

- [Impact Award](#)  
Prize value: £1000. Application deadline is *Monday 7<sup>th</sup> May 2018*. The Vice-Chancellor's Awards for Impact were established to recognise and reward those whose research has led to excellent impact beyond academia. For the purpose of the Awards, 'impact' is understood as: 'An effect on, change or benefit to the economy, society, culture, public policy or services, health, the environment or quality of life, beyond academia.' Nominations are welcome from research staff across the University. Full details on eligibility criteria and how to apply can be found via the link above.

## EVENTS

### CCIMI - upcoming events

Details on the CCIMI upcoming events are available on the [CCIMI website](#), and via the links below:

- **Quantum Computing - Theory and Practice**  
*Tuesday 1<sup>st</sup> – Thursday 3<sup>rd</sup> May, lectures daily at 2.00pm – 4.30pm*  
Lior Horesh from IBM is giving a short course on '[Quantum Computing-Theory and Practice](#)'.
- **Mathematics of Quantum Information**  
*Friday 4<sup>th</sup> May*  
CCIMI are hosting a '[Mathematics of Quantum Information](#)' one day conference featuring a number of international expert speakers including Fernando Brandao, Yan Pautrat, Barbara Kraus, David Pérez García and Omar Fawzi. This event is free, but [registration](#) is required.
- **CCIMI colloquium**  
*Tuesday 8<sup>th</sup> May, 4.00pm – 6.00pm*  
Andrew Stuart (Caltech) will be presenting on '[Reconciling Bayesian Regularization And Total Variation Regularization](#)', the talk will be followed by a wine reception. This event is free, but [registration](#) is required.

### Intellectual Property Seminar for Postdocs

*Thursday 26<sup>th</sup> April, 6.00pm – 8.00pm, Sanders Hall, The Postdoc Centre, Eddington, Cambridge*

Cambridge Enterprise will be holding an intellectual property seminar with Marks & Clark LLP to help postdocs understand more about managing their own intellectual property. Marks and Clerk have long been recognised as one of the leading patent, trade mark attorney and intellectual property law firms across the globe. The seminar shall provide a basic understanding of how to develop, commercialise and manage intellectual property (IP). Please register your interest on the [IP Seminar for Cambridge Postdocs webpage](#).

### LMS Women in Maths Days 2018

*Monday 30<sup>th</sup> April – Tuesday 1<sup>st</sup> May, at the Isaac Newton Institute*

This is an inclusive event open to all mathematicians independent of gender and stage in career, and will offer a variety of sessions on topics such as Implicit Bias, and interview skills for early career researchers. Sessions will include talks by women mathematicians at different career stages, including several from Cambridge. There will also be a poster session with a prize for the best poster. Further details and the application form are available on the [LMS Women in Maths Days 2018 website](#).

## GENERAL INFORMATION

### New member of Administrative Staff

We are delighted to announce that *Dr Milla Kibble*, who joined DAMTP yesterday, has been appointed to the new post of Research Facilitator in DAMTP. The remit of Milla's role will be to support and develop the research strategy in DAMTP by increasing the number and quality of research grant applications and reducing the administrative burden associated with the initiation and continuation of funded research projects, as well as contributing to departmental responses to external initiatives and assessment activities. Milla will be based in H2.08 and her email will be: [mmk60@cam.ac.uk](mailto:mmk60@cam.ac.uk)

### Academic Visitors

A note for all academic staff:

- **DPMMS:** Please inform [Julia Blackwell](#) of any visitors you know who are planning to visit the department. As much notice as possible would be appreciated.
- **DAMTP:** Please inform your Pavilion Group / Research Group Secretary as far in advance as possible of any visitors planning to visit your research group. If your visitors require a 'letter of invitation' from the Head of Department please contact [June Rix](#) who can prepare such a letter on behalf of the Head of Department. As much notice as possible would be appreciated.

### Student Visitors

A note for all academic staff:

Please inform Sarah Dodd ([Graduate Office Manager](#)) of all visiting students to the Faculty. As much notice as possible would be appreciated.

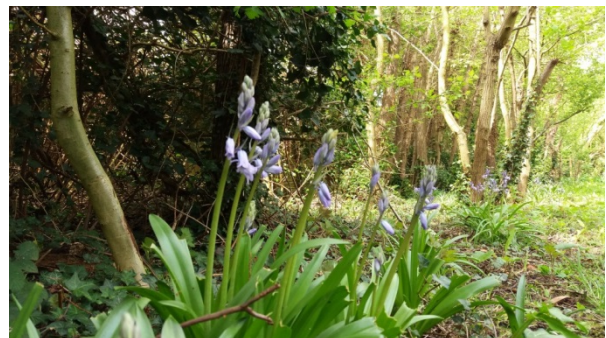
### Personal and Professional Development STAFF

The [Easter Term flyer](#) from Personal and Professional Development (PPD) is available to download. Inside you will find details of training courses and initiatives from PPD, Health and Safety and Equality and Diversity. PPD has also recently launched a range of '[On Demand](#)' online resources, which are designed for those who are short on time and to complement face to face courses and more in depth online courses.

## LOCAL ENVIRONMENT & SUSTAINABILITY

### Spring bulbs at CMS

We have always had a good display of daffodils and other bulbs on the grass roof of Central Core but last autumn along with local residents, *cmsgreenimpact* organised further plantings. Bluebells are just coming into flower in the lane leading up to Madingley Road despite attention by muntjac deer and earlier in the month hundreds of daffodils brightened up the grass verges of Clarkson Road.



### University's Repair Café STAFF & STUDENTS

*Tuesday 1<sup>st</sup> May, 11am – 2.00pm, at Mill Lane Lecture Rooms*

Repair Cafe's are part of a movement to reduce the amount of waste we produce by repairing, reusing and encouraging better design. Come along to have an item repaired or to learn about how Departments and Colleges are reducing their waste. [Book a repair time slot here.](#)