

FACULTY NEWS BULLETIN

17 November 2020



ANNOUNCEMENTS

PhD Approvals

Many congratulations to the following students who have recently completed their PhD's:

Laurence Cooper	DAMTP	Weak decays of beautiful pseudoscalar mesons using Lattice Quantum Chromodynamics
Maksim Dadonau	DAMTP	The effects of double diffusion on the dynamics of turbulent jets and plumes
Christopher James Howland	DAMTP	Energetics and mixing in stratified turbulent flows
Yanning Xu	DPMMS	Complements on log canonical fano varieties and index conjecture of log calabi-yau varieties

DAMTP is delighted to host the new [Cambridge Centre for AI in Medicine \(CCAIM\)](#) directed by Professor Mihaela van der Schaar and co-directed by Professor Andres Floto. CCAIM, a partnership between the University of Cambridge, AstraZeneca and GSK, is a virtual university centre for cross-disciplinary research and development of AI for medicine, biomedical science and health care. Among other activities, for its five year duration, AstraZeneca and GSK will support five new PhD co-supervised studentships per year to drive cross-disciplinary research and clinical implementation.

The Stephen Hawking Centre for Theoretical Cosmology has teamed up with Discovery on a documentary series exploring new windows on our Universe. The Universe Unravelling series premieres on discovery+ in November, see [here](#) for more information.

Congratulations to Edriss Titi who has been awarded the 2020 ICCM Best Paper Award (Gold Medal) for his paper 'Global well-posedness of the three-dimensional primitive equations with only horizontal viscosity and diffusion.'

Congratulations to Ilmun Kim in DPMMS, who has been announced as one of the three recipients of the Institute of Mathematical Statistics Lawrence D. Brown PhD Student Award for 2020. Information about the award is available [here](#).

Congratulations to former DAMTP PhD student and post doc Antoni Woss, who has recently won the [PANDA Theory PhD prize](#) for his PhD thesis. This prize is awarded for the best theory PhD thesis related to the PANDA experimental program.

REMINDER: Deadline for the EU Settlement Scheme

The deadline for all EU/EEA/Swiss nationals to apply for status via the EU Settlement Scheme is 30 June 2021.

Eligibility for the scheme applies to all EU/EEA/Swiss nationals and their family members who are resident in the UK by 31 December 2020. HR contacts in institutions are asked to remind all EU/EEA/Swiss staff and visitors of the requirement to apply by this date, if they have not done so already.

The HR Immigration & Compliance team has provided comprehensive guidance on making an application via the Scheme, available at: https://www.hr.admin.cam.ac.uk/files/uoc_eea_faq_v.12.pdf

After 31 December 2020, EU nationals who are not resident in the UK prior to this date will require a visa to work or study in the UK. A new immigration system, which will support EU nationals in coming to work and study in the UK, is currently being finalised and scheduled for implementation in autumn 2020.

Those who are studying and working in the UK prior to 31 December 2020 will not require a visa to re-enter after this date but you will need to make an application for the EU Settlement Scheme before 30th June 2021. Should you have any queries, please don't hesitate to get in touch with the Maths HR Office at hr-office@maths.cam.ac.uk.

Rouse Ball Travelling Studentship in Mathematics

The Rouse Ball Travelling Studentship in Mathematics, for the academic year 2021-22, 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 2020. 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.

A letter of application should be submitted to: The Senior Tutor, Trinity College, Cambridge, via awards@trin.cam.ac.uk, providing the following details:

- Particulars of qualifications and proposals for study;
- Which university you wish to visit;
- When the visit will take place and the duration of the visit;
- The estimated cost of the visit;
- Evidence of an invitation from the prospective host.
- Letters of reference from your Supervisor/Director of Studies should be sent to the email above.

The closing date for applications is **1 March 2021**

Postdoc Academy Mentors

The Postdoc Academy is looking for additional academic staff members to join their current pool of mentors for postdocs. Mentors can play a critical role in guiding postdocs through the challenges associated with this career stage, including career guidance, work/life balance, self-confidence and other pertinent topics.

Feedback from previous mentors indicates this scheme can be hugely rewarding:

- deeper insight into the lives of postdocs and other departments
- satisfaction from seeing mentees overcome personal and professional challenges
- development of own interpersonal skills
- a sense of "giving back"

The Postdoc Academy mentoring scheme runs for one-year in the first instance and requires a one-off training session in developmental mentoring to set up formal expectations for the programme. For more information please visit [here](#).

EVENTS

Wellbeing Events Stress and Anxiety Workshops

These workshops have been extremely popular and the recording of the first session can now be found on the [WellCAM Stream Channel](#). There are still places available on the remaining Stress and Wellbeing workshops. Further information can be found [here](#).

The Benefits of Kindness

To mark [World Kindness Day](#) last week, Yvonne McPartland, Deputy Head of the Staff Counselling Centre, takes a brief look at why even the smallest acts of kindness are good for our mental health. This [short video](#) contains lots of ideas for how to be kind and to spread a little joy each day.

How To Become Resilient And To Take Back Control Over Your Life

25 November, 12.30-1.30pm

Dr Olivia Remes will be sharing tips on overcoming obstacles in life and becoming resilient, based on research. This is especially important now that we're dealing with a second lockdown and our mental health has been affected in more ways than one. For further information and to book click [here](#).

Virtual Winter Festival of Learning

The Institute of Continuing Education have announced their first Virtual Winter Festival of Learning, running from 18-29 January 2021.

The Winter Festival includes more than 50 courses and over 30 talks, open to adults around the world. Taught by leading academics, the diverse collection of courses and open talks ranges from Business to Biotechnology and Poetry to Politics. Start the New Year by learning something new or by furthering your studies in a subject you already love.

University of Cambridge staff and full-time students are eligible for a concessionary rate of £99 for course bookings. When you book, enter your student or staff ID and the concessionary rate page will appear.

Visit the [Festival website](#) for more information and to book. Please contact the Festival team directly with any questions (contact details via the link).

How to be an Active Bystander at Work

24 November, 11am-12.15pm

Have you ever been concerned about a situation and wanted to help, but didn't? Hearing a racist/sexist/homophobic joke in the tea room? Seeing an inappropriate touch of a friend? Watching a colleague wince at being belittled or interrupted in a team meeting? You're not alone, this is more common for many of us than you might think.

Come along to this short session to find out why this happens and what it means to be an active bystander. This includes simple changes and actions you can take to support others around you without confrontation and, over time, support a more inclusive environment for all of us to live and work in.

Visit [here](#) to book a place.

GENERAL INFORMATION

Enhanced Arrangements for Christmas Closure

In recognition of the significant pressures that staff have been under due to the COVID-19 pandemic, the University has enhanced the arrangements for the December 2020 closure period. Ordinarily there are three closure days over that period, however, this year 24 December 2020 will now be an additional closure day. University staff will **not** be expected to use their annual leave to cover the closure days (24, 29, 30 and 31 December 2020), and will be able to use it at another time in their leave year.

University staff who are required to work during closure days to maintain essential operations will be able to take the equivalent number of days worked on the closure days at another time in the leave year.

Further details can be found [here](#). Please be aware that this arrangement applies only to staff employed by the University.
