

FACULTY NEWS BULLETIN

3 March 2022



ANNOUNCEMENTS

The Faculty would like to welcome Huyen Duong who joined the Postgraduate Office on 21 February, Darren Jolley, who joined us as the CMS Facilities Manager on 28 February and Stephen Ennis who joined the DAMTP Finance office on 1 March.

PhD Approvals

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

Michael Hill	DPMMS	Acylindrical and strong accessibility
Georg Maierhofer	DAMTP	Analytical and numerical techniques for wave scattering
Ferdia Sherry	DAMTP	Structure-preserving machine learning for inverse problems

Congratulations to Matt Colbrook, former DAMTP PhD student from 2016-2020 and JRF at Trinity College, who has been awarded the SIAM Richard C. DiPrima Prize for his PhD thesis.

The Richard C. DiPrima Prize is awarded every two years to one early career researcher who has done outstanding research in applied mathematics and who has completed his/her doctoral dissertation and completed all other requirements for his/her doctorate. This is a prestigious prize as it is open to all fields within applied mathematics (defined as those topics covered by the SIAM journals).

NRICH Update

NRICH has released new resources exploring proof for [primary, secondary and post-16](#) teachers and students. Please feel free to share these links with younger family members and local schools, NRICH hope they enjoy exploring the activities. As usual, the resources include a selection of Live Problems and they're inviting schools and their students to submit their solutions by Monday 21st March (they'll be publishing a selection of those they receive on the NRICH website).

NRICH followed up the release of these new resources with webinars for primary and secondary teachers led by NRICH team members Liz Woodham, Charlie Gilderdale and Claire Metcalfe. Recordings of these events, and their previous webinars, are available [here](#).

STEP Support Programme Webinars

Claire Metcalfe and colleagues working on the joint Faculty of Mathematics and NRICH STEP Support Programme will be launching this year's series of weekly webinars for Cambridge offer-holders on Monday 14th March at 6pm. Invitations have been sent out to all eligible candidates who attend a state school. These free webinars, which will run until the STEP exams take place in June, are additional to the ongoing support offered by our online [STEP Support Programme](#). Feedback from last year's candidates about the webinars was overwhelmingly positive, especially the opportunity to interact with current Cambridge undergraduates. The team would like to thank the undergraduates who have volunteered to support this year's webinars, several of whom attended the sessions as STEP candidates last year!

Career Support Fund – fourth round now open

Applications are invited by 1 April 2022 under the fourth round of the University's [Career Support Fund](#). The fund provides grants of up to £10,000 to support employees whose careers have been adversely affected either by the COVID-19 pandemic, a career break or a period of leave for caring responsibilities.

Crisis in Ukraine

The University is following events in Ukraine with great concern. The staff and student counselling services plan to arrange sessions for those impacted. Look out for information on the [student](#) and [staff](#) counselling service websites.

Cambridge Festival Volunteers

The Cambridge Festival runs from 31 March to 10 April, with a [wide range of events](#) open to the public on weekday evenings and during the day at weekends.

Volunteering at the festival is an opportunity to learn more about Cambridge research, meet other members of the University community and be an ambassador for the University. Volunteers act as stewards at festival events: duties vary, but may include helping to direct the public, managing entry to venues, checking tickets and manning a roving microphone during Q&A sessions. Weekday evening sessions require availability from 5pm to 9pm; Saturday and Sunday sessions require you to be available for the whole day (approximately 9am to 5pm).

If you are interested in volunteering, please email CambridgeFestival@admin.cam.ac.uk to request a volunteer expression of interest form.

Changes to UKRI Open Access Policy

Changes to the UKRI Open Access Policy come into effect from 1 April. Research articles published by UKRI-funded authors after that date must be made open access immediately.

In order to comply with this policy, UKRI-funded researchers need to:

- before you submit an article, include a Rights Retention Statement and a Data Access Statement;
- once your article is accepted, deposit the accepted manuscript with the University of Cambridge, and follow the advice of the Open Access team.

Visit the Open Access webpage, [UKRI Open Access Policy](#), for full details and for examples of these essential statements. To find out more, book to attend an open meeting on [17 March](#) or [22 March](#), 2-3pm, where Niamh Tumelty, Head of Open Research Services, will explain the policy changes and answer questions.

EVENTS



**Cambridge Centre
for AI in Medicine**

WeCREATE engagement series

No-one should be discouraged from studying or working in engineering, computer science, applied maths or related areas. This is the driving idea behind [WeCREATE](#), a series of free, interactive engagement sessions aiming to encourage and inspire female students and young professionals to embrace creative careers in engineering, computer science, applied maths, and beyond. We hope to do this by dispelling widely held myths, and by putting creative female role models firmly in the spotlight.

WeCREATE is the brainchild of [Prof. Mihaela van der Schaar](#), the University of Cambridge's John Humphrey Plummer Professor of Machine Learning, AI and Medicine at the University of Cambridge. The series is supported by an international network of enthusiastic volunteers and ambassadors.

Join us on March 8!

We will use our [March 8 launch event](#) to outline the bold and ambitious vision behind WeCREATE, and explain why we decided to build a platform for exploring the excitement of creative careers in AI, engineering, computer sciences, and applied math (with a special focus on AI and machine learning).

This session will feature a panel discussion with several amazing female role models who are making their mark on the world with creativity and a sense of purpose every day. Our panellists will be diverse in terms of international background, career stage, professional experience, and sector of work (hailing from both industry and academia). They will share positive messages, support, and guidance, and will showcase some of their projects that are particularly creative and/or achieve social benefit across a wide variety of professional fields. They will also answer questions about their work or their area in general.

Whether you're a high school student wondering about your next big step into higher education, an undergraduate considering further study or career options outside academia, or a postgrad or professional looking for inspiration, we hope you'll join us! Sign up here: [WeCREATE Launch event | WeCREATE](#)

Cambridge Festival
31 March - 10 April

The [Cambridge Festival 2022 programme](#) is now available and booking for events is also live.

Oxbridge PDE Conference

11-13 April

The eleventh annual two and a half day Oxbridge PDE conference held alternately in Oxford and Cambridge, focusing on analysis and PDE will be held in April. Academics and PhD students from the two universities, together with external speakers, are invited to give talks. This year's PDE Conference will be held hybrid at Oxford and welcomes all faculty and students to attend. For more information and to register please see [here](#). Contact – Sue Sreaton ercadmin@maths.cam.ac.uk.

TEDxCambridgeUniversity

19 March

Pre-release tickets for this year's [TEDxCambridgeUniversity](#) annual conference, 'The Restoration Project', are now available on FIXR. You can access the exclusive tickets now on [FIXR](#) here.

The conference will be taking place on **Saturday 19 March** at **Howard Theatre, Downing College**. The day will be split into **two halves**: The morning session consists of eight speakers, a networking opportunity and a refreshment break. The afternoon session consists of seven speakers, a refreshment break, and our Innovation showcase (where you will get to meet exciting businesses!).

Tickets are **£12.50** for each of the sessions - A line-up of the speakers in each half can be found below. Tickets are limited so purchase them ASAP to ensure your place at this year's conference.

GENERAL INFORMATION

Cyber Security

The current war between Russia and Ukraine may make cyber-attacks on organisations and individuals more likely. All staff and students should make sure that they are following the basic security precautions listed below to protect their identity online.

1. Make sure your logins are resistant to hackers.
 - a) Use multi-factor authentication (MFA). Some logins require MFA; some have it as an option. If it's available for your accounts, whether personal or work-related, turn it on and use it. It makes a hacker's life immeasurably harder, and almost always they'll just go elsewhere. See [further information about MFA for University Microsoft accounts](#).
 - b) Don't re-use passwords. Use [password managers](#) to keep track of lots of different passwords. Free password managers are built into the internet browsers Chrome, Edge and Safari: these will automatically fill in passwords for you, so you don't have to worry about remembering and typing long passwords.
 - c) When you get emails and alerts telling you a new login has been seen, pay attention to them. If it's not a result of you personally logging in, then go and change the password on the account immediately.
2. Keep your devices and [computers up to date](#). Windows, Apple and Android systems all have settings for automatic updates – make sure these are turned on.
3. If you haven't already, install the University's [anti-virus software](#). It's free for all staff and students.
4. Don't trust unexpected texts, emails or WhatsApp messages – these may be [phishing attacks](#). If you receive any kind of unexpected message asking you to make a payment, provide information, or log into a system, double check whether it's legitimate before you do anything. If in doubt, ignore it.

More [detailed information and training on cyber-security awareness](#) is available on the UIS website.

Hybrid Working

Last term a series of workshops was conducted with heads of institutions to hear about their experiences of hybrid work since summer 2021. The Cambridge Works team also ran workshops to hear how different institutions were introducing new ways of working. Informed by these discussions, [Cambridge Works has developed a new report](#), which aims to support institutions adopt hybrid working. Building on [previous guidance issued around new ways of working](#), the report will help institutions encourage new ways of working while thinking carefully about issues such as teaching quality, research productivity, recruitment and organisational culture. The document offers a process, rather than a formal policy (which will be developed later, in consultation with staff across the University).

DAMTP Office Keys

As more of us return to our offices in CMS, please could any unused DAMTP office keys be returned to office B1.27.

If you have anything you would like to be included in the next News Bulletin please send details to newsbulletin@maths.cam.ac.uk by Wednesday 9 March 2021. The next issue will be published in W/C 14 March.