

FACULTY NEWS BULLETIN

1 December 2021

ANNOUNCEMENTS



PhD Approvals

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

Karol Bacik	DAMTP	Sand Dune Interactions
Chris Hamilton	DAMTP	Secular Dynamics of Binaries in Stellar Clusters
Frederick Illingworth	DPMMS	The Chromatic Structure of Dense Graphs
Angeliki Menegaki	DPMMS	Quantitative studies and Hydrodynamical limits for interacting particle systems
Maria Tătulea-Codrean	DAMTP	Geometry and Hydrodynamics of Swimming with a Bundle of Bacterial Flagella

van der Schaar Lab 2021 open house

- 10 bitesize mini-seminars on world-leading research projects in AI/machine learning for healthcare
- High-level and impact-oriented; little to no AI/machine learning knowledge required
- All freely accessible via dedicated, easy-to-navigate webpage



For details, visit <https://vanderschaar-lab.com/>



Last month, Prof. Mihaela van der Schaar's lab held its 2021 open house event for collaborators and sponsors. Through **10 high-level mini-seminars on world-leading research projects**, members of the lab showed how the lab's vision for machine learning for healthcare is already becoming reality.

These mini-seminars (each about 10 minutes) are now available to be watched at leisure via an easy-to-browse webpage on the lab's website. Little or no prior understanding of AI/machine learning is required. The page is well worth a visit to anyone interested in a broad introduction to AI and machine learning for healthcare.

If you're interested, please visit <https://www.vanderschaar-lab.com/2021-open-house-showcasing-vision-leadership/>.

NRICH/MMP Update

During Maths Week England 2021, thousands of school children joined the NRICH team online for a live problem-solving session. The event was a huge success, and many schools followed up the problem-solving session by sharing their photos and examples of student work on Twitter. Schools and families can now access a recording of this session, and investigate the Fruity Totals activity for themselves [here](#).

NRICH have recently moved over to join their colleagues in MMP and collectively they are keen to engage with Faculty colleagues who are very welcome to visit their offices on the ground floor of Pavilion B, or arrange a more formal meeting to discuss ways to further develop their outreach and admissions work. To help colleagues more easily identify the most relevant team member for initial contact, please see the roles of the NRICH/MMP Team and their room numbers:

Dr Ems Lord, Director of NRICH: B0.23
Julia Hawkins, MMP Deputy Director: B0.23
Liz Woodham, Primary Coordinator: B0.22
Charlie Gilderdale, Secondary Coordinator: B0.22
Claire Metcalfe, Post-16 Coordinator: B0.20
Oscar Gillespie, Interactivities Developer: B0.21
Owen Smith, IT Systems: B0.19
Rachel Thomas, Plus Editor: B0.19
Dr Marianne Freiberger, Plus Editor: B0.19
Kristin Coldwell, Further Mathematics Centre Project Co-ordinator: B0.20

EVENTS

JUNIPER Consortium Research Meeting

7 & 8 December

JUNIPER (Joint **UNI**versities **P**andemic and **E**pidemiological **R**esearch) is a UKRI funded consortium of epidemiology modelling groups from eight universities led by Professor Julia Gog and Professor Matt Keeling. This two half-day meeting will highlight the key COVID-19 related research undertaken over the past year since the consortium was created. Topics include: COVID-19 in education settings, identifying early signatures of novel variants, contact tracing and modelling of the UK roadmaps. The Early Career Researchers within the consortium will also showcase the huge breadth of research undertaken through their elevator pitch talks. Finally the two half days will end with a look at what we might expect from COVID-19 in the future with a panel discussion on this topic with the JUNIPER investigators. Please see the [event page](#) for further details including how to register. If you have any queries, please contact JUNIPER consortium senior scientific programme manager, Dr Ciara Dangerfield ced57@cam.ac.uk.

New diversity network for disabled staff and staff with long-term health conditions launch event

10 December

A survey of diversity network members and stakeholder groups in spring 2021 showed overwhelming support for setting up a new network for staff who either identify as disabled, have long-term health conditions, or support colleagues or family members that do. All staff are welcome to join the [launch event](#) via Zoom on Friday 10 December 2021 to hear more about the survey results, and to get involved in shaping this new, important support network. Further details about the network can be found on the [Equality and Diversity webpages](#).

GENERAL INFORMATION

Consultation on transport in Greater Cambridge

The [Greater Cambridge Partnership](#) (GCP) launched its [City Access consultation 'Making Connections'](#) earlier this month. The consultation identifies proposals for transforming public transport, cycling and walking and reducing pollution and congestion.

The proposals include:

- A new bus network, offering more frequent services, with longer operating hours, more rural connections, and new routes into growing employment sites
- Creating space for improvements to walking and cycling and public spaces
- Options for raising money to pay for improvements to the transport network.

Staff and students are encouraged to contribute their views via [this link](#).

Travel for work – no online booking fees until the end of 2021

For all bookings completed using the [Key Travel](#) online portal between now and Friday 31 December, Key Travel will waive the booking fees.

COVID-19 testing certificates for travel

The University is able to offer formal certification of COVID-19 test results for students who take part in the Asymptomatic COVID-19 Screening Programme and pre-departure tests, to enable them to be used for overseas travel as evidence of a negative test result for entry. Students should check the requirements of their destination country. For further information, see [International travel | University of Cambridge](#).

The University is unable to offer certificates to staff, who are not included in the screening programme. Information on private testing providers, and a discount code for University staff who use Excalibur services, is also available at [International travel | University of Cambridge](#). The [Covid Helpdesk](#) can support both staff and students with advice on testing for travel.

Principal Investigator Programme on LinkedIn Learning

[LinkedIn Learning](#) is an online learning resource available for the staff and students at the University of Cambridge. The Research Office has designed a [Principal Investigator Programme for LinkedIn Learning](#) (log in using your Office 365 Online with CRSID and Raven) which comprises of modules to help you navigate your responsibilities of managing a grant or contracted research. The narrated presentations include costing your research project, working with external collaborators and managing your research budget. This resource will help you to implement successful grant management and meet University and funder requirements. [The LinkedIn Learning Getting Starting page](#) will guide you through how to login to your LinkedIn Learning account.