

FACULTY NEWS BULLETIN

21 October 2021



ANNOUNCEMENTS

PhD Approvals

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

Calum Ashcroft	DPMMS	Cubulating $CAT(0)$ groups and Property (T) in random groups
Laura Cope	DAMTP	The Dynamics of Geophysical and Astrophysical Turbulence
Venetia Karamitsou	DAMTP	A cross-scale model for the evolution of influenza within a single season
Benjamin Stokell	DPMMS	Computationally efficient methods for high-dimensional statistical problems

NRICH Update

To coincide with Cambridge Zero Climate Change Festival 2021 <https://climatechange festival.zero.cam.ac.uk/> NRICH have published some new problems for secondary and post-16 teachers and students, intended to develop students' carbon numeracy <https://nrich.maths.org/14938>.

They will be following this up with a [free webinar](#) for Secondary teachers on 9 November. Many of you may know teachers and parents who could make use of these resources, so do feel free to share these links with them.

Betty and Gordon Moore Library

The Betty and Gordon Moore Library is now fully open to library users, with no need to pre-book a place. Their current opening times are 9-7 Monday to Friday and 9-1 on Saturdays. The Library is looking at how best they can resume 24-hour access, but this may take a little time.

An extensive programme of online training is available, further details and course descriptions are available [here](#).

Adams Prize 2022

The 2022 Adams Prize will be awarded for achievements in the field of Number Theory.

The Prize is open to any person who, on 31st October 2021, will hold an appointment in the UK, either in a university or in some other institution; and who is under 40 (in exceptional circumstances the Adjudicators may relax this age limit). The value of the Prize is expected to be approximately £25,000, of which one third is awarded to the prize-winner on announcement of the prize, one third is provided to the prize-winner's institution (for research expenses of the prize-winner) and one third is awarded to the prize-winner on acceptance for publication in an internationally recognised journal of a substantial (normally at least 25 printed pages) original article, of which the prize-winner is an author, surveying a significant part of the winner's field.

Applications, comprising a CV, a list of publications, the body of work (published or unpublished) to be considered, and a brief non-technical summary of the most significant new results of this work (designed for mathematicians not working in the subject area) should be sent to the Secretary of the Adams Prize Adjudicators via email to adamsprize@maths.cam.ac.uk. There is no fee for entry, nor for any other aspect of the Prize.

EVENTS

2021 Annual Race Equality Lecture

Understanding Inequality Through an Intersectional Lens: The Case of Covid in the US

28 October 5.30pm-6.30pm

Professor Mary Romero (School of Social Transformation, Arizona State University) will discuss the complexities of social inequalities, looking at Covid in the US. Professor Romero will be introduced by the Pro-Vice Chancellor, University Community and Engagement, Professor Kamal Munir. Following the lecture, the Q&A will be chaired by the University Race and Inclusion Champions Professor Esra Özyürek (Faculty of Divinity) and Dr Ali Meghji (Department of Sociology). For more information and to book see [here](#).

CCAIM Seminar 2 November, 4pm

CCAIM Seminar Series – ‘Machine learning can identify newly diagnosed patients with Chronic Lymphocytic Leukemia (CLL) at high risk of infection’

Join on 2 November at 4pm GMT for a virtual talk and live audience Q&A with Dr. Carsten Utoft Niemann of [Rigshospitalet](#), a centre of expertise for the treatment of blood diseases in Copenhagen, Denmark.

Dr. Niemann is an expert in hematology with more than 10 years hands-on experience in research laboratories in Europe and America. He is currently Associate Professor and [Head of the Chronic Lymphocytic Leukemia \(CLL\) Laboratory](#) and Clinical Research Program for CLL at Rigshospitalet's Dept. of Hematology. Furthermore, he is a sponsor of the PreVent-ACaLL phase 2-3 trial – the first Machine Learning-based clinical trial in CLL. [Register now on EventBrite](#).



The graphic is a pink rectangular banner. On the left, it features the University of Cambridge logo and the text 'CCAIM SEMINAR SERIES'. Below this, it lists 'DR. CARSTEN UTOFT NIEMANN' and the date '2 November 2021 @ 16:00 - 17:15 GMT'. The topic is 'MACHINE LEARNING CAN IDENTIFY NEWLY DIAGNOSED PATIENTS WITH CLL AT HIGH RISK OF INFECTION'. On the right, there is a circular portrait of Dr. Carsten Utoft Niemann. At the bottom, logos for 'REGION H', 'Rigshospitalet', and 'Cambridge Centre for AI in Medicine' are displayed.

GENERAL INFORMATION

Cambridge University Assistants' Contributory Pension Scheme Survey

The CPS (Cambridge University Assistants' Contributory Pension Scheme) is the pension scheme for all assistant staff employed by the University of Cambridge. To ensure that you receive the information you need about your pension in the most accessible and helpful format, they are asking assistant staff to fill in a short survey to tell them the best way to communicate with you about your pension. It should take no more than five minutes to complete and the results will help them to better tailor their communications to the needs of scheme members.

Take the survey here: https://cambridge.eu.qualtrics.com/jfe/form/SV_cNpNhChKX52uRkq

The survey will close at 5pm on Friday 29 October.

Sustainable Business Travel Policy Questionnaire

There are only two weeks left to give your feedback on the University's draft Sustainable Business Travel Policy.

The travel survey has been conducted for the last eleven years and they have continuous comparable results for the last six. It is important that they gather qualitative data about the continuing impact on travel of new ways of working related to the pandemic. The data they collect is used:

- to understand changing travel needs
- to encourage greater use of sustainable travel modes and to report on our sustainability performance
- to plan transport infrastructure improvements and other transport projects across the University estate
- to report to local authorities about any transport impacts of University developments (this is a compulsory part of the planning process)
- to inform our view and responses to consultations on local authority transport projects.

They would like to hear from all University-employed members of staff (working on a University site or working remotely), and employees of other organisations that are based in University buildings. They'd also like to hear from contractors or volunteers (if they are based at a University site for two days or more per week), and visitors to the University.

[Complete the survey](#) between 18 October and 31 October 2020 and have the chance to win £100. The survey will ask you questions about your travel during the week 11-17 October.