

FACULTY NEWS BULLETIN

14 May 2019



ANNOUNCEMENTS

The Faculty would like to wish John Shimmon all the very best for his early retirement on 15 May. John has been on the DPMMS Administrative Team for 13 years and the Department thanks him for all his work. His friendly, outgoing personality will be greatly missed.

The Faculty would like to welcome Femke Cole, who joins as an admin assistant in the Graduate Office team.

Many congratulations to the following students who completed their PhD's in March and early April:

DAMTP: Tom Cridge, Julija Markeviciute, Simone Parisotto, Valeria Shumaylova

DPMMS: Nicolas Dupre, Zhi Jin, Cambyse Rouze, Claire Simons, Benjamin Wells-Day

And also to those in Easter term so far:

DAMTP:

Kai Roehrig	Etudes in Ambitwistor Strings - Exploring new models, higher loops, and curved backgrounds
Philip Rupp	On the structure and evolution of the Asian monsoon anticyclone

DPMMS:

Daniel Ahfock	New statistical perspectives on efficient Big Data algorithms for high-dimensional Bayesian regression and model selection
Christos Anastassiades	Level raising for automorphic representations of $GL(2n)$
Christian Lund	Ricci-flat deformations of orbifolds and asymptotically locally Euclidean manifolds
Maxime Van De Moortel	Charged scalar fields on black hole space-times

Professor Keith Moffatt's book "Self-Exciting Fluid Dynamos" (with co-author Emmanuel Dormy) was published on 25 April by CUP (<http://www.cambridge.org/catalogue/catalogue.asp?isbn=9781107065871>).

A paper authored by Professor Adrian Kent (Department of Applied Mathematics and Theoretical Physics/Wolfson College) proposes an ultra-secure form of virtual money. [Tech Times](#) and [Computing](#)

Congratulations to Kirill Kalinin (Physics category) who participated in the STEM for Britain competition at Westminster.

The Faculty welcome Dr Rozhin Hajian who will be visiting Dr Lorna Ayton in DAMTP from 3 June –23 August.



EU Settlement Status scheme

On 30 March, the EU Settlement Status scheme opened to the public, following a successful piloting of the scheme in late 2018/early 2019. The scheme is open to all EU, EEA and Swiss nationals, and their family members (regardless of nationality), and is now free of charge to all applicants. For those staff members who applied during the pilot, the Home Office will refund the fee automatically, over the coming weeks.

The scheme is open for all EU/EEA/Swiss nationals, and their family members, who are resident before 'exit day' and, 'deal' or 'no deal', they will have until at least 31 December 2020 to make an application through this scheme to safeguard their right to live and work in the UK once the UK leaves the EU. Applications can now be made online, and can also continue to be made via an Android device. For the latest guidance on how to apply, please see the [University's Immigration webpages](#). Up to date news and information on Brexit can also be found on the [University's Brexit webpages](#).

EVENTS

Trans awareness taster session

15 May, 12.30-2pm, MR21

Miriam Lynn (E&D Consultant) and Lucian Stephenson (LGBT+ Staff Network Chair) will join at this session. This session will provide a greater understanding of the experience of trans people, demystify language relating to gender identity and offer resources / post awareness session support. Tea/Coffee/Biscuits provided.



Athena Swan Men as Allies - Approaching Equality Together 30 May 5pm

[CamAWiSE](https://www.eventbrite.co.uk/e/men-as-allies-approaching-equality-together-tickets-59326745894) is joining forces with the Wellcome – MRC Cambridge Stem Cell Institute to deliver an open panel discussion on the **30th of May** on how to change the STEMM workplace culture to be more inclusive and diverse. The discussion will be preceded and followed by drinks and networking sessions. This event is **free**, everyone is welcome. Please register here: <https://www.eventbrite.co.uk/e/men-as-allies-approaching-equality-together-tickets-59326745894>

CCIMI Conference - Geometric and Topological Approaches to Data Analysis

13 June, CMS

The purpose of this [event](#) will be to bring together those academics working to advance data science and will provide an update on research and collaborations taking place at the Cantab Capital Institute for the Mathematics of Information (CCIMI), associated challenges and other potential collaborative opportunities, as well as highlighting projects being developed elsewhere.

The [Programme](#) of talks will reflect research taking place in the field of data science with a focus on *Geometric and Topological Approaches to Data Analysis*. Talks will explore diffeomorphic learning, data analysis, geometric inverse problems, sampling with confidence, optimal transport in data sciences and non-local inverse problems.

Attendance at this event is free of charge and will be of interest to participants including social scientists; physicists; engineers; biomedical scientists as well as those working in statistics; pure, applied and computational analysis; quantum computing, cryptography, communication and security and those from data processing.

To register for this event, please follow the [link](#). If you would like to present a poster, please indicate this on the registration form.

CMIH Imaging and AI Clinics

Wednesday 22 May 4pm -5.30pm

The CMIH and partners host a regular drop-in advice clinic on imaging and AI. These clinics aim to assist and advise on imaging methodology and queries on various imaging areas.

The clinics are held at the Cancer Research UK Cambridge Institute Café from 4-5:30pm. The dates for Easter term are Wednesday 22nd May and Wednesday 5th June.

For further information or to send a query please visit the [website](#).

Memorial Service for Sir Peter Swinnerton-Dyer

1 July, 2pm

A Memorial Service will be held for Sir Peter Swinnerton-Dyer, in the Trinity College Chapel on Monday 1 July at 2.00 pm. Anyone wishing to attend is asked to register at: <https://www.trin.cam.ac.uk/events/memorial-service-for-Sir-Peter-Swinnerton-Dyer/>.

CAVENDISH INSPIRING WOMEN

EASTER TERM CARD 2019



Events

14TH MAY 1-2 PM, SMALL LECTURE THEATRE
THE MEANING OF TEMPERATURE: FROM MERCURY COLUMNS TO DEGREES KELVIN
PROF. HASOK CHANG, HPS

21ST MAY 1-2 PM, SMALL LECTURE THEATRE
MILDRED DRESSELHAUS AND SOLID STATE PEDAGOGY AT MIT
DR. JOE MARTIN, HPS

28TH JUNE 4-6PM
GARDEN PARTY AT PHYSICS DEPARTMENT

4TH JULY TIME TBC
OUT IN STEM: A PANEL DISCUSSION

Tea Sessions

TUESDAYS @ 3.30 PM
MAY 21 | JUNE 4



TUESDAYS @ 10.30 AM
MAY 7 | MAY 14 | MAY 28 | JUNE 11

LOCATION: MAXWELL CENTRE KITCHEN AREA, JJ THOMSON AVENUE

Study Sessions

EXAM TECHNIQUES AND STRATEGIES FOR PHYSICS IA
LED BY DOS SARAH WILLIAMS

SLOT 1
9TH MAY, 1-2 PM

SLOT 2
13TH MAY 1-2 PM



LOCATION: RYLE SEMINAR ROOM
930, RUTHERFORD BUILDING

OPEN TO ALL!





Festival of Wellbeing 2019

The annual WellCAM Festival of Wellbeing will take place this year between Monday 24 June and Friday 5 July. Programme details will be available shortly on the [Festival of Wellbeing webpages](#).

Talking Maths in Public Conference 2019

29 - 31 August, Isaac Newton Institute

The TMiP conference will be held at the Isaac Newton Institute, from 29 to 31 August 2019, for anyone with an interest in communicating about mathematics to the general public. For more details, and to book, visit <http://talkingmathsinpublic.uk/>.

The TMiP organisers are also holding a Demo Day in London: <https://www.eventbrite.co.uk/e/tmip-demo-day-tickets-58634870476> This focuses on creating live demonstrations as part of mathematical outreach workshops and talks.

GENERAL INFORMATION

CCIMI Video Contest 2019

The CCIMI is hosting its second video contest on the 28th May at CMS. Participants have created short videos of their work and each will be shown at the event before a wine reception, where the winner will be announced.

If you're interested in seeing some of the research taking place at the CCIMI please register for the event [here](#).

Disability Resource Centre

The Disability Resource Centre are looking for Study Assistants to support a PhD student in the High Energy Physics Group.

A degree in Physics, Computer Science, Engineering or other mathematical subject is preferred. Knowledge of LaTeX is essential, C++ and/or Python preferred.

If you have any queries, please contact us at nmh@admin.cam.ac.uk. Details on how to apply can be found at www.disability.admin.cam.ac.uk/recruiting-notetakers.