

FACULTY NEWS BULLETIN

16 July 2019



ACADEMIC NEWS

The Faculty would like to welcome Dr Maria Bruna as a University Lecturer in DAMTP.

Congratulations to Professor Anne Davis who has been awarded the Richard Glazebrook Medal and Prize. The prize is awarded for outstanding and sustained contributions to leadership in a physics context. Professor Davis has been recognised for her outstanding support and leadership in physics, particularly for women and those from non-traditional backgrounds, for her leadership of the UK particle cosmology community, and her gender championship roles. https://www.iop.org/about/awards/gold/glazebrook/medallists/page_72829.html.

Congratulations to Anders Hansen who has been awarded the Whitehead Prize by the London Mathematical Society. The award recognises his diverse and fundamental contributions to computational mathematics, especially his development of the Solvability Complexity Index and its corresponding classification hierarchy. <https://www.maths.cam.ac.uk/news>.

Congratulations to Maurice Chiodo who has won an award for Innovative Teaching at the Student-Led Teaching Awards. Congratulations also go to Stephen Eglen who was commended in the category of Supporting students (academic) <https://www.cusu.co.uk/2019/05/14/winners-student-led-teaching-awards-2/>.

Congratulation to Adrien Lefauve 'Waves and turbulence in sustained stratified shear flow,' winner of the UK Fluids Network Thesis Prize and runner up Matthew Arran 'Avalanching on dunes and its effects: Size statistics, stratification, & seismic surveys.' Adrien wins a £500 prize and both have been invited to present their work at this year's UK Fluids Conference (Cambridge, 27-29 August, <http://ukfluids2019.bpi.cam.ac.uk/>).

Congratulations to Henry Wilton who has (co-)won a prize from the Canadian Mathematical Society, the "G. de B. Robinson award" for their paper "Stackings and the W -cycles Conjecture" (Canadian Mathematical Bulletin Vol. 60 (3), 2017 pp.604-612). The G. de B. Award recognizes outstanding contributions to the Canadian Journal of Mathematics (CJM) or the Canadian Mathematical Bulletin (CMB). <https://cms.math.ca/MediaReleases/2019/GdeBRobinson-2019>.

Congratulations to Carola-Bibiane Schönlieb who, along with Lauri Oksanen of UCL, was awarded the Calderón Prize at the Applied Inverse Problems Conference in Grenoble, France. <https://www.europeanwomeninmaths.org/calderon-prize-for-carola-bibiane-schonlieb/>.

Senior Academic Promotions

Congratulations to Jason Miller on his promotion to a Professorship and to Rajen Shah, Perla Sousi and Peter Varju on their promotions to Readerships.

2019 Thomas Bond Sprague Prize

The Rollo Davidson Trustees give notice of the award of the 2019 Thomas Bond Sprague Prize for the Master of Mathematics/Master of Advanced Studies in Mathematics examinations, to V. Dvorak DPMMS/Trinity College for distinguished performance in the area of probability.

PhD Approvals

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

Janosz Dewberry	DAMTP	Hydromagnetic Oscillations and Instabilities in Astrophysical Discs
Evgenia Leivadarou	DAMTP	Rotating Thin Films: the Vortex Fluidic Device
Mo Dick Wong	DPMMS	On Gaussian Multiplicative Chaos

ANNOUNCEMENTS

Royal Astronomical Society – Medal and Prizes 2019

Nominations are invited for the RAS Medals and Prizes to be awarded in January 2020.

- A** - astronomy and astrophysics, broadly defined, including cosmology, astroparticle physics, astrobiology and astrochemistry
- G** - geophysics, solar physics, solar-terrestrial physics, planetary science and meteoritics

The deadline for nomination this year is **31 July 2019**, with the exception of the Patrick Moore Medal and the Annie Maunder Medal for Outreach, which have a deadline of **Friday 27 September 2019**. A list of awards available this year can be found on the Royal Astronomical Society website. <https://ras.ac.uk/awards-and-grants/awards>.

Research by DAMTP/BAS PhD student, Alexander Lozinski, has been published in the journal Space Weather and was presented at the Royal Astronomical Society's National Astronomy Meeting. <https://ras.ac.uk/news-and-press/news/space-weather-cau>.

Adrian Kent has been awarded a £0.5M grant to develop and implement new quantum and relativistic cryptographic protocols in the next phase of the UK Quantum Communications Hub.

<https://www.cam.ac.uk/research/news/the-next-leap-forward-four-quantum-technologies-hubs-to-lead-uks-research-drive-ses-years-radiation-damage-satellites-using-electric..>

GENERAL INFORMATION

New Members of Administrative Staff

We are delighted to announce and welcome the following new members of administrative staff in the Faculty:

- Kyle Hawthorn has joined the Faculty IT Team as a trainee computer technician (sandwich placement) until August 2020.
- Kim Quiggin has joined as a HR Office Administrator. Kim's contact details are: hr-office@maths.cam.ac.uk
Tel: 65483.

Desk free to a good home!

The Betty & Gordon Moore library have an unwanted desk and pedestal filing cabinet in excellent condition that is surplus to requirements and free to anyone who wants it at home, although they would need to arrange transport.

If anyone is interested they can view it on the ground floor of the library. Please contact Simon J. Goose [<sjg22@cam.ac.uk>](mailto:sjg22@cam.ac.uk)

DPMMS and DAMTP Summer Parties

Many thanks to everyone who organised, helped and also attended the DPMMS and DAMTP Summer parties. A good time, if a little damp in the case of DPMMS, was had by all!





UNIVERSITY OF
CAMBRIDGE

Estate Management



Dear Customers,

The University Catering Service are changing the pricing structure of hot drinks across all University operated cafés. In line with the University's award-winning sustainable food policy, which includes an aim 'to achieve a significant reduction in waste in all café operations', a new initiative will help to reduce the use of single-use disposable coffee cups by encouraging customers to bring their own reusable mugs or 'KeepCups'. To date, the UCS cup discount has saved tens of thousands of cups being disposed of every year. However this still amounts to a relatively small proportion of hot drink sales across the University. This new initiative therefore aims to help further encourage customers to use re-usable cups.



How will it work?

- All hot drinks prices across the range will be reduced by 25p.
- The reduced price now includes the own-cup discount.
- There will be no further discount for own-cup use as it has already been deducted from the price.
- Customers who wish to be served in a disposable cup will pay a 25p surcharge on the new standard price.
- Coffee menu boards will display the new discounted price as standard including information on the surcharge for use of a disposable cup.

Example:

A regular cappuccino was previously priced at £1.75 and if you use your own cup you would have received a 25p discount leading to an overall cost of £1.50.

With the new pricing structure the price of the regular cappuccino would be £1.50 which if using your own cup would not change however if you require a disposable cup you would incur a 25p charge and the cost would increase back to the previous price of £1.75.

In effect there is no change to the overall cost of the hot drinks and this is not a price increase, it is an exercise in guiding customer behaviour to reduce single-use disposables.

Thank you for your cooperation in helping to meet our sustainability goals and save waste, and please don't hesitate to ask a member of staff in the cafes for further details, or email environment@admin.cam.ac.uk.



Please visit our website below to find out more about the University of Cambridge's work on sustainability.

www.environment.admin.cam.ac.uk/news/ditching-disposables

