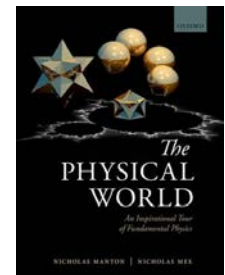


ACADEMIC NEWS

- *Mike Cates* has recently been awarded an ERC grant of €2 million for research into the statistical physics of active and driven systems. Active systems (such as self-propelled colloids or micro-organisms) are driven by local chemical fluxes at the particle scale, whereas conventional driven systems (such as sheared fluids) have fluxes imposed macroscopically. The new project will explore how these two cases differ, and address when and whether their coarse-grained steady states are equivalent to thermal equilibrium states in which no fluxes are present at any scale.
- *Gary Gibbons* has recently been awarded the title of Doctorate of Science Honoris Causa by the Université François-Rabelais, Tours.
- *Paul Linden* has recently been awarded an ERC grant of €2.3 million for the study of stratified turbulence and mixing, using a combination of advanced laboratory experiments and direct numerical simulations. This project builds on the research supported by the EPSRC Programme Grant 'Mathematical Underpinnings of Stratified Turbulence' and will involve the co-investigators on that grant, Colm Caulfield, Stuart Dalziel and John Taylor. Details on their research can be found [here](#).
- *Nick Manton* and *Nicholas Mee*, a former graduate student of DAMTP, have just had their new book, '[The Physical World: An Inspirational Tour of Fundamental Physics](#)', published by Oxford University Press. The book is a broad-ranging survey of physics, and is intended to be a fairly easy read for anyone who has Maths and Physics A-levels, or has studied Maths or Physical Science for a year or more at university.



OTHER NEWS

Tom Crawford, a former PhD student, has recently starting working in maths outreach for [the Naked Scientists](#) with the content featuring on BBC Radio and ABC Australia. Recent highlights include:

- [Why climate change will lead to bumpier flights](#)
- [How the earth's rotation affects sports such as golf, running and rowing](#)
- [Why bees build hexagonal honeycomb \(with a special guest appearance from University Challenge's Bobby Seagull\)](#)

All of Tom's outreach material can also be found on his webpage: <https://tomrocksmaths.com>, and on Facebook, Twitter and Instagram @tomrocksmaths.

ACADEMIC VISITORS

The following academic visitors are currently / will shortly be visiting DAMTP:

- | | |
|--|--|
| • Professor Tobias Heinemann | hosted by the Astrophysics Group: 14/05/17 – 21/05/17 |
| • Daksh Lohiya (University of Delhi) | hosted by the GR Group: 01/05/17 – 07/05/17 |
| • Professor Pawel Mazurek | hosted by the Quantum Group: 17/05/17 – 19/05/17 |
| • Dr Ashley Montanaro | hosted by the Quantum Group: 11/05/17 - 14/05/17 |
| • Christopher Pope [Honorary Visiting Professor] (Texas A&M) | hosted by the GR Group: 12/05/17 – 24/05/17, and 24/06/17 – 24/08/17 |
| • Professor Gael Raoul | hosted by Carola Schöenlieb (CCIMI): 14/05/17 – 20/05/17 |
| • Professor Caroline Terquem | hosted by the Astrophysics Group: 19/05/17 |

ANNOUNCEMENTS

Cambridge University Language Programmes (CULP) - Long Vacation Courses

Enrolment is now open for language courses (open to all current staff and students of the University) run in the Long Vacation at the Language Centre. For further information, costs and to book a place, please visit the [online booking system](#): Courses start on *Monday 19th June 2017*. For those wishing to explore alternative modes of language study, please visit our [Language Advising pages](#) for details of Conversation Hours, supported self-study and other opportunities.

PI's needed to test the new PI Dashboard

In response to last summer's Research Administration review, the Research Office and UIS are developing a new dashboard to give PIs access to information about their grants and contracts e.g. the status of your contract and expenditure on the grant. They are currently developing a prototype and are looking for PI's to help us test the dashboard and give feedback on its interface and content. Testing takes about 45 mins and will take place during May at a time and place convenient to you. Please contact Jennifer Klatt jk702@cam.ac.uk if you are interested in taking part.

EVENTS

Aitken Public Lecture 2017

Wednesday 10th May, at 4.00pm in MR2

Professor Hinke Osinga (University of Auckland) is the 2017 LMS-NZMS Aitken Lecturer, and she will be giving a lecture entitled, 'Shaken but not stirred: using mathematics in earthquakes'. An abstract of talk is available [here](#). This lecture will be followed by wine reception. If you wish to attend this lecture you will need to book [here](#).

Wednesday 10th May, at 2.30pm in MR2

Professor Bernd Krauskopf, the Head of Department of Mathematics (University of Auckland), will also be giving a lecture entitled, 'Lorenz chaos beyond the attractor'. An abstract is available [here](#). All are welcome to attend.

Andrew Chamblin Memorial Lecture 2017

Tuesday 23rd May at 5.00pm in CMS

Professor Kip Thorne will be giving the 11th Andrew Chamblin Memorial Lecture entitled, 'Exploring the Universe with Gravitational Waves: LIGO and Beyond'.

Admission is free, but [booking is required](#). More information is available on the [Andrew Chamblin Memorial Lecture Fund](#) webpage.

Dirac Lecture

Tuesday 9th May, 2.30pm in MR2

Professor Helen Quinn (Harvard) will be giving this year's Dirac Lecture entitled, 'Antimatter: Dirac's incredible prediction and its consequences'. Amongst her many significant scientific achievements, Professor Quinn originated the Pecci-Quinn theory, which proposes a resolution of the strong CP problem. All are welcome to attend.

The Women's Staff Network (WSN)

The WSN hosts informal training and networking sessions at three University sites each term. At this terms sessions you will have an opportunity to meet the WSN team and learn about different strategies to become more resilient at work. The sessions dates are:

- *Wednesday 17th May, 12noon – 1.00pm* at the *Auckland Meeting Room, Greenwich House*.
To book your place, please visit: <https://2wsn.eventbrite.co.uk>
- *Wednesday 22nd May, 12noon – 1.00pm* at the *Castle Meeting Room, Judge Business School*.
To book your place, please visit: <https://3wsn.eventbrite.co.uk>



GENERAL INFORMATION

New members of Administrative Staff

We are delighted to announce that the following people will be joining DAMTP from Monday 8th May:

- *Mycroft Mead* will be the new *Undergraduate Office Administrator* in the Undergraduate Office. He will be based in room B2.16 and his contact details will be as follows:
undergrad-office@maths.cam.ac.uk Tel: 39144
- *Lorraine Coulson* (Temp) will be covering the Pavilion G Secretary's post until a new permanent appointment is made. She will be based in room G1.10 and her contact details will be as follows:
pavgsec@damtp.cam.ac.uk Tel: 37870

Role email addresses REMINDER

When contacting the following offices and individuals on work related business their role email addresses should be used rather than personal email addresses:

Finance Office	accountant@damtp.cam.ac.uk	GR Secretary	grsec@damtp.cam.ac.uk
Undergraduate Office	undergrad-office@maths.cam.ac.uk	HEP Secretary	hepsec@damtp.cam.ac.uk
Faculty Board Secretary	secretary.board@maths.cam.ac.uk	Pavilion F Secretary	pavfsec@damtp.cam.ac.uk
HR Office	hr-office@maths.cam.ac.uk	Pavilion G Secretary	pavgsec@damtp.cam.ac.uk
Hannah Fox	dampsec@maths.cam.ac.uk	Pavilion H Secretary	pavhsec@damtp.cam.ac.uk
June Wilders	hod-sec@damtp.cam.ac.uk		
Faith Payne	pa-dampsec@maths.cam.ac.uk		

Tripes Examination helpers required REMINDER

The Undergraduate Office is still recruiting helpers for the 2017 Mathematics Tripos examinations, which take place from *Thursday 1st June* to *Tuesday 13th June*. They are particularly seeking PhD's and Postdoc's volunteers, but any reliable people with an eye for detail are most welcome too. Excellent rates of pay are offered for Invigilators, Mark checkers, Script sorters and Attendants. Please contact the Undergraduate Office at: undergrad-office@maths.cam.ac.uk if you are interested in being involved.

Maths Sciences - Green Impact Award

Following an audit of the whole of the CMS last Wednesday by a member of the University Green Challenge team, we received notification on Friday that CMS had been awarded a Green Impact *Silver Award*. Silver Award winners have to have demonstrated that they have run their own environmental events, and considered in detail issues such as energy use and the efficiency of new equipment, and in doing so engaged with senior management, students and the rest of the University.



SPACE (Supporting Parents & Carers @ Cambridge) network

[SPACE](#) offers support and information for members of the University with caring responsibilities for children or other dependents. Their website contains a wealth of information and advice.



My Family Care

As part of the University's commitment to wellbeing and supporting its employees with caring responsibilities, it is now collaborating with *My Family Care*. *My Family Care* delivers family-friendly backup care, providing employees access to a network of child, adult and eldercare across the country, at short notice. The University's partnership with *My Family Care* commenced on Monday 1st May 2017, as a one-year pilot (as recommended by the University's Equality & Diversity Committee). Employees can register with the [My Family Care Work+Family website](#), where there is access to a wide range of resources to support employees with their caring responsibilities. There is further information on what the scheme offers and how to use it on the [Human Resources website](#).

