

ACADEMIC NEWS

- **The Cantab Capital Institute for the Mathematics of Information**
DAMTP and DPMMS have received a donation of £5 million from Cantab Capital Partners for the creation of an Institute for the Mathematics of Information. The Director of the Institute will be *Carola Schönlieb*. The 5-year project makes provision for 2 Lectureships (money for 5 years), postdocs and PhD students. There is also money for some administrative support and a program of distinguished lectures. More details on this can be found via this [link](#).
- *Thanasis Fokas* has been awarded a five year EPSRC Senior Fellowship. In light of this award he has been granted a five year leave of absence from the University so he can fully concentrate on the relevant research project, which involves three parts: the extension of the so-called Fokas Method from two to three dimensions, medical imaging, and the asymptotics of the Riemann and related functions.
- *Helen Mason* has teamed up with astronaut Tim Peake to create sports and science activities for schools taking part in the Space to Earth Challenge. Details on this collaboration and the work Helen is doing can be found on the [University's News page](#) and the [Space to Earth Challenge](#) website.
- This year DAMTP won the biennial Oxbridge Applied Mathematics Meeting in a very close competition. Fifteen minute talks were given by young researchers from both Universities and they were judged by two distinguished academics from independent institutions, who



awarded Cambridge the coveted 'Woolly Owl Trophy'. The trophy and further details are on display in the glass

cabinet in the Pavilion H common room.

Congratulations to the Cambridge team: *Lorna Ayton, Alex Bastounis, Rachael Bonnebaigt, Pierre Haas, Alexis Kaminski, James McTavish, and Gunnar Peng.*



ANNOUNCEMENTS

****Women at CMS - Networking Lunch****

Wednesday 18th November, 12.30pm – 2.00pm, in the Potter Room (B1.19), Pavilion B.

Female students, researchers and academics from DAMTP, DPMMS, CCA and Part III are all invited to attend this lunch hosted by Carola Schönlieb, Orsola Spivack and Perla Sousi.

Please bring your lunch with you - coffee, tea & cakes will be provided.

If you have not received an invitation and would like to attend please email: hod-sec@damtp.cam.ac.uk

Faculty for Mathematics – Nominations for Student Membership

Student Elections for places on the Mathematics Faculty Board (two undergraduate places and one graduate place) are now underway. An election of student members of the Faculty Board to serve for twelve months from 1 December 2015 to 30 November 2016 will be held on *Thursday 26th November 2015*.

Voting will take place online and is by single transferable vote. The election will be conducted in accordance with the provisions of the Statutes and Ordinances, pp. 117-120. Votes can be cast between 8:00 am and midnight at www.vote.cusu.cam.ac.uk. Full details on who is eligible and on the nominations process can be found on the [Faculty of Mathematics Student Elections 2015](#) webpage.

Nominations must reach *Hannah Fox*, the Secretary of the Faculty Board, CMS, by 5.30pm on *Thursday 19th November 2015*.

Publication of the Higher Education Green Paper

The Department for Business, Innovation and Skills (BIS) published its Green Paper on higher education, *Fulfilling our Potential: Teaching Excellence, Social Mobility and Student Choice*, on 6th November 2015. The consultation document outlines the Department's vision for the future of higher education in England, inviting views on proposed next steps by Friday 15th January 2016.

Members of the University can read a brief summary of the Paper's key recommendations, and access the Paper itself at <http://www.cam.ac.uk/for-staff/news/higher-education-green-paper-a-summary>. Views and comments on the Paper can be emailed to ConsultationResponses@admin.cam.ac.uk by Wednesday 25th November 2015, and will inform the response to BIS that will be considered by the Council on Monday 14th December 2015.

Smith-Rayleigh & Rayleigh-Knight Prize Essays 2016

The deadline for receipt of submissions for the 2016 essay competition is Tuesday 12th January 2016.

Further details on the essay competition can be found on the [Smith-Rayleigh & Rayleigh-Knight Prize page](#) on the Faculty website.

EVENTS

Alan Turing Institute (ATI) Data Science Exploiter Summit: Big Data in the Physical Sciences

Wednesday 13th January 2016, 8.30am-5.30pm at The Marble Hall/Kohn Centre, The Royal Society, 6-9 Carlton House Terrace, London.

This [ATI summit](#) will bring together UK researchers, industry, and public sector funders to discuss the requirements, challenges, and opportunities of data science applications in the physical sciences. The summit will show up routes for engagement with the ATI, and help inform the future priorities of ATI work. The results of the summit will be compiled into a white paper.

[Registration](#) is now open and will close on Wednesday 9th December. There is no registration fee; however places are limited so please register early to avoid disappointment.

CMS Christmas Party

This year's party will be held on Friday 11th December.

Last year's joint DAMTP & DPMMS Christmas party at CMS was a huge success with over 300 people attending. It will be the same format that has proved popular in recent years: a sit down dinner and a free bar with entertainment in the form of carol singers, a jazz band, followed by a quiz and disco. Details on how to register your attendance will be circulated shortly.



Information Session: Funder's requirements for sharing research data

Thursday 19th November, 3.30pm - 4.30pm at 17 Mill Lane, Room G.

This Open Data afternoon session will provide you with all the necessary information you need to know about your funder requirements for research data sharing, how to avoid sanctions for non-compliance with your funder policies, and allow you to ask any questions you might have directly to the Open Data team. The session is open to everyone. For further information about this session and registration details please see the [Research Data Management](#) webpage.

GENERAL INFORMATION

Cambridge Equipment Sharing Project Database

More than 2,400 items of equipment and 64 facilities have been added to the [Cambridge Equipment Sharing Project Database](#) since its launch in 2012. The database, which has seen the number of small research facilities listed doubling from 32 to 64 during the first half of 2015, is open to all staff and PhD, MRes and M.Phil. research students. The database has been created to:

- Help researchers search for equipment and facilities available for sharing
- Encourage internal, national, and international collaboration
- Support efficient use of equipment and facilities
- Increase the exposure of facilities used to recover equipment maintenance costs
- Highlight the University's commitment to equipment sharing that can be included in future grant applications

MOODLE (and CamTools)

Moodle is a flexible Virtual Learning Environment that is designed to support face-to-face teaching with a wide range of versatile online tools, as well as providing a place to upload resources for courses. The University Information Services have assigned Dr Erica Bithell (erica.bithell@uis.cam.ac.uk) as the Moodle Learning Technologist to the Faculty. She is there to assist individuals with any queries they may have working with Moodle - please contact her if you have any questions. All content on CamTools will be migrated to Moodle during the 2015/16 academic year, and from 1 January 2016 it would not be possible to set up any new CamTools sites. Information on what Moodle can do, and the various training courses, can be found on the [Moodle](#) website.

University Travel Insurance requirements

The University provides travel insurance for the University of Cambridge

- Employees
- Registered post-graduate students
- Subsidiary companies whilst travelling abroad on University of Cambridge business
- Registered graduate students
- Undergraduates
- Official volunteer workers travelling on supervised departmental fieldtrips outside the UK

Currently the University do not charge for this cover as the costs are met by the University's insurance budget. However and most importantly all those listed above and departments (in the case of fieldtrips) are required to apply for cover using the appropriate application process. Full details on the simple application process can be found on the [University Travel Insurance](#) website.