

## ACADEMIC NEWS

- *David Abrahams*, Director of the Isaac Newton Institute, has been awarded the [2017 David Crighton Medal](#) for his outstanding service to both mathematics and the mathematical community.
- *Thomas Crawford*, former PhD student, recently appeared on the [BBC News](#) explaining the work of the late Iranian mathematician and first female winner of the Field's Medal Maryam Mirzaghani. Tom also explains Maryam's work for [BBC Radio 4's More or Less programme](#). Tom has also started writing for the Journal of Fluid Mechanics blog and his latest post is on [building cleaner diesel engines](#).
- *Richard Durbin*, Honorary Visiting Fellow, has been awarded the [2017 Gabor Medal](#) for his 'outstanding contributions to computational biology and their impact across many areas of life sciences'.
- *Stephen Hawking's* 75<sup>th</sup> birthday celebrations and conference received coverage on the [BBC](#), [The Daily Telegraph](#) and [Huffington Post](#).
- *Stephen Hawking* was awarded an [honorary doctorate](#) from Imperial College London, at a special ceremony at the Royal Society on Monday 17<sup>th</sup> July, which celebrated the remarkable contributions he had made to physics and cosmology over his 50 year career.
- *Nathan Johnson-McDaniel* will be starting as a postdoc in the Relativity and Gravitation group on Tuesday 15<sup>th</sup> August. He was previously a postdoc at the International Centre for Theoretical Sciences, India
- *Richard Kerswell* FRS, currently Professor of Applied Mathematics at the University of Bristol, has accepted election as GI Taylor Professor of Fluid Mechanics from 1<sup>st</sup> September 2017.
- *Adrien Lefauve* (PhD student) has been awarded 1<sup>st</sup> place for his Oral Presentation at the [2017 Osbourne Reynolds Research Student Awards](#). The Osbourne Reynolds Research Student Awards celebrate the quality of research by PhD students and graduates across the broad domain of fluid mechanics.
- *Amalia Thomas* (PhD student) has been awarded one of this year's Vice Chancellor [Public Engagement in Research awards](#). The Vice-Chancellor announced the awards in a ceremony at the Senate House on Thursday 13<sup>th</sup> July. Amalia was one of six awardees, the only PhD student amongst them, selected from thirty one nominations. She received a plaque and £1,000 prize.
- Keen-eared listeners to BBC Radio 4's flagship *Today* programme will have spotted that the new '[Puzzle for Today](#)' slot features a collaboration with the MMP's NRICH project. NRICH's rich, engaging resources are designed to develop mathematical thinking and problem-solving skills. For the puzzles featured on *Today*, we have adapted selected NRICH problems which are carefully chosen to give rewarding opportunities for strategic thinking and reasoning, but are very accessible in terms of the mathematical knowledge and techniques required to tackle them, to appeal to the widest possible audience. The 'Puzzles for Today' include edited extracts from some of the thousands of rich low-threshold high-ceiling NRICH problems, as well as adaptations of some of NRICH's extensive collection of short problems published in collaboration with the UKMT. *Today* attracts 7.45 million weekly listeners, and the NRICH



team hope that the collaboration will help to raise awareness of NRICH's free mathematics education resources for ages 3-19 even further. NRICH currently reaches 5.5 million users a year.

- The Biennial Oxbridge Applied Mathematics Meeting took place on Friday 16<sup>th</sup> June in DAMTP, and was organised by Duncan Hewitt and Gunnar Peng. The speakers on the Cambridge team were: James Munro, Lisa Maria Kreusser, Jeremy Minton, Venetia Karamitsou, David Baker, Cleo Loi and Matthew Arran. The day involved a series of talks alternating between both teams on topics covering a wide range of applied mathematics. The talks were judged by two independent judges: Professor Demetrios Papageorgiou and Dr Hayder Salman, and after agreeing it was a close competition they announced that Oxford had won and they were awarded the Woolly Owl.



The department would like to extend their congratulations to the following students who have recently been awarded their PhD's:

- Alexandros-Spyridon Arvanitakis (High Energy Physics)
- Hun Young Hayden Lee (Relativity and Gravitation)
- Yi Man (Biological Physics and Mechanics)
- Jason Olsthoorn (Environmental and Industrial Fluid Dynamics)
- Johnathan Ross (Geophysical and Astrophysical Fluids)
- Imdad Sardharwalla (Quantum Information)
- Marcus Webb (CCA)

## ACADEMIC VISITORS

The following academic visitors will be visiting DAMTP:

- Christian Clason (University of Duisburg-Essen): Tuesday 29<sup>th</sup> August – Friday 8<sup>th</sup> September. His work includes inverse problems, optimal control of PDEs, non-smooth optimization and biomedical imaging.

## GENERAL INFORMATION

### Administration request ACADEMIC STAFF

**Staff leaving** - we have had a few staff leave recently without formally resigning their position. If you are leaving your position early, please can you ensure that you notify the [hr-office@maths.cam.ac.uk](mailto:hr-office@maths.cam.ac.uk) with a short email including your last working day so that we can notify payroll and make you a leaver on various University systems.

**Personal fellowship applications** - as a Department we support a large number of personal fellowship applications, some from existing staff but also a number for researchers outside the University who are to be hosted by a UTO in DAMTP. Although we support these applications they are personal fellowships and, as such, notification of the award goes to the individual not the Department. Unless the person who is awarded the fellowship tells HR/Finance, often the first time we know is when the research office tries to transfer funds to us, which in turn is often just before they expect to start work. To help us provide a better service and process around this, if you are successful or you are hosting someone who has been successful with a personal fellowship can you let either HR or Finance know at the earliest opportunity so that a position can be set up, finance and payroll notified and desk space can be organised in good time for their arrival.

### Administrative staff - Personnel changes

With immediate effect up *until Friday 1<sup>st</sup> September* Amy Dittrich will be manager of the Undergraduate Office on Mondays, Wednesdays and Fridays, and manager of the Graduate Office on Tuesdays and Thursdays.

*From Monday 4<sup>th</sup> September* Amy Dittrich will be back fulltime as manager of the Undergraduate Office and Sarah Dodd will be back as manager of the Graduate Office.

### Long Vacation bulletin publication dates

The next DAMTP News bulletin in the Long Vacation will be published on *Monday 4<sup>th</sup> September*. If there is anything you would like included in any of these issues please email [Faith Payne](mailto:Faith Payne) by the preceding Wednesday.

## Shared Services information

### HR Office

Due to staff leave the Maths HR Office (B1.31) will operate a skeleton service in August, as follows:

Monday 7 <sup>th</sup> August 8.30am – 1.00pm 2.00pm – 5.00pm	Tuesday 8 <sup>th</sup> August 8.30am – 1.15pm 2.00pm – 4.00pm	Wednesday 9 <sup>th</sup> August 9.30am – 1.00pm	Thursday 10 <sup>th</sup> August 9.00am – 11.00am	Friday 11 <sup>th</sup> August 9.00am – 11.00am
Monday 14 <sup>th</sup> August 9.00am – 11.00am 2.00pm – 4.00pm	Tuesday 15 <sup>th</sup> August 9.00am – 11.00am	Wednesday 16 <sup>th</sup> August 9.00am – 11.00am 2.30pm – 4.30pm	Thursday 17 <sup>th</sup> August 9.00am – 11.00am	Friday 18 <sup>th</sup> August 9.00am – 11.00am 1.45pm – 3.45pm

Normal service resumes on Monday 21<sup>st</sup> August. All enquiries should be sent to: [hr-office@maths.cam.ac.uk](mailto:hr-office@maths.cam.ac.uk)

### Undergraduate Office

The Undergraduate Office will be closed on Tuesday 15<sup>th</sup> August. Email enquiries will be picked up on Wednesday 16<sup>th</sup> August.

### Road Closure

From Monday 26<sup>th</sup> June until Monday 2<sup>nd</sup> October *Tennis Court Road* will be closed to all through traffic (including pedestrians and cyclists) due to building works.