LSE Department
of Mathematics

News Archive

September 2012 – August 2013

2013: Further PhD success: congratulations to Alexey!

Adding to our glut of completions over the summer of 2013, we are now very pleased and proud to announce that Alexey Pokrovskiy has been awarded his PhD in Mathematics. Details of his thesis and supervisors can be found on the PhD "Roll of Honour". Congratulations Dr Pokrovskiy!

2013: Haya Freedman Prize 2012/13

Congratulations to Marcello Rossi - winner of the Haya Freedman Prize for "Best Dissertation" 2012/13.

2013: Cyril Offord Prize 2013

The Cyril Offord Prize 2013 for outstanding performance in Mathematics was awarded to Jasdeep Kochhar and presented to him by Head of Department Professor Jan van den Heuvel who congratulated Jasdeep on his excellent results which reflected his dedication to his studies during his time in the Mathematics Department.

Jasdeep said, "The Cyril Offord Prize was an honour to receive, as it allowed me to celebrate the hard work and perseverance that I applied throughout my studies. It was also an opportunity to thank my professors for all their support and tutorage during my time at LSE. I am now studying for my Masters in Mathematics and the Foundations of Computer Science at Oxford University. After that, I plan to take up a place on Ernst & Young's Graduate Scheme in Risk Consulting".

(L-R: Professor Jan van den Heuvel, Dr Nicholas Cron, Jasdeep Kochhar, Professor Martin Anthony).

2013: ESRC Workshop on Algorithmic Game Theory

Professor Bernhard von Stengel organised an ESRC Workshop on 17-18 October 2013. 15 speakers presented over the course of two days on LSE campus.

September 2013: Welcome to Dr Christoph Czichowsky

The Mathematics Department extends a warm welcome to Dr. Christoph Czichowsky, a lecturer specialising in the field of financial mathematics. Christoph joined LSE in the beginning of September 2013 from the University of Vienna and we wish him a very happy time with us.

2013: Congratulations to David, Tom and Neofytos

David Ferguson, Tom Lidbetter and Neofytos Rodosthenous have been awarded their PhDs in Mathematics. For details of their thesis titles, supervisors, and the ever-growing list of PhD alumni of the department, please view our PhD "Roll of Honour". Congratulations Drs Ferguson, Lidbetter and Rodosthenous!
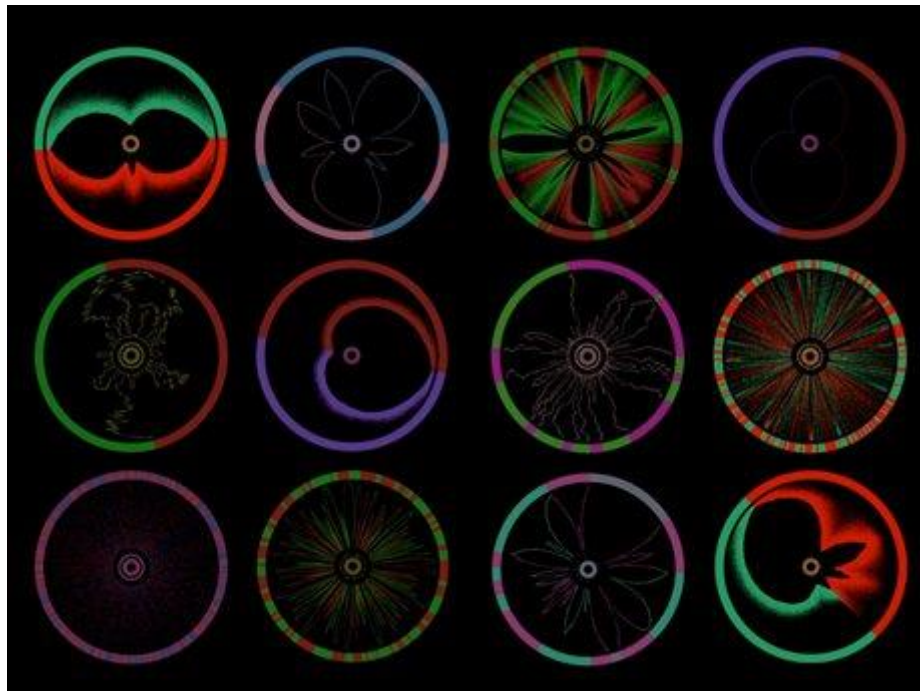
2013: PhD alumni captains BBC Four Only Connect team to semi-finals

Dr Marianne Fairthorne, one of our PhD alumni who was awarded her doctorship in June 2011, captained her team, the 'Festival Fans' on BBC Four's show "Only Connect" in July 2013. The team had a colourful journey, scraping through the first round via the repechage. They bounced back to make it through to the semi-finals, sadly losing out to Team Celts on 22 July 2013 by four points (score 16 vs 20). Very well done to Marriane and well played Festival Fans!

2013: Congratulation Andy!

Dr. Andy Lewis-Pye has won the Infographics photo award as part of the Royal Society's Picturing Science Competition, with his image, "Flowers of Segregation" (Credit: Dr Andy Lewis-Pye, with George Barmpalias and Richard Elwes from the University of Leeds). For an explanation of this image, please read below.

A major achievement of the Nobel Prize-winning economist Thomas Schelling was an elegant model of racial segregation, first described in 1969. The aim of the model was to understand the large-

scale segregation observed between black and white communities in large American cities.

For the first time, Andy and his colleagues have rigorously analysed the model to get a deeper understanding of its interesting behaviour, such as situations where an increase in racial tolerance increases segregation. In the image, each disc illustrates a simulation of the model. The inner ring displays a large number of individuals of two types, given a random order and arranged in a circle. According to simple rules they then rearrange themselves into a more structured form, which is illustrated in the outer ring. The process by which this segregated configuration is reached is illustrated in the space between the inner and outer rings.

2013: Leverhulme Library book donation
A big thank you to Filippo Casati, a former student of the Department, who has kindly donated a number of his study books to the Leverhulme Library, held by our colleagues in the Department of Statistics. We wish Filippo every success in the future.

July 2013: Welcome to Dr Andy Lewis-Pye
The Mathematics Department is delighted to welcome Dr. Andy Lewis-Pye, a lecturer specialising in both the fields of discrete mathematics and game theory. Andy joined us in July 2013 from the University of Leeds and we wish him a very happy time at LSE.

2013: Congratulations to Somkiat
Somkiat Trakultraipruk has been awarded his PhD in Mathematics. For details of his thesis title and supervisor, see our PhD "Roll of Honour" and keep checking back for more updates - it's a very exciting time for the Department, with a number of our students completing their PhDs over the next few months. Congratulations Dr Trakultraipruk!

May 2013: A packed New Theatre at the Combinatorics Colloquium at LSE on Thursday 16th May 2013

The event, held across two days, with six speakers presenting at Queen Mary University of London on 15 May and a further six speakers presenting on 16 May at LSE, was attended by over 90 delegates; we all agreed it was a great success and already looking forward to next year's event.

2013: Maths Department achieves Gold Excellence in Green Impact

We're delighted to announce that at the Green Impact Awards 2013 at LSE, the Mathematics Department achieved a Gold Excellence Award for its contribution to 'greening' LSE. Of particular note is the current project to introduce sustainability into the curriculum, which has secured funding from LSE's Sustainable Projects Funds, and which will focus on finding connections between concepts in sustainability and the mathematics being taught in courses MA100 and MA107. The department also won an award for its recycling (100% perfectly sorted in a spot-check), and Department Manager David Scott was given a special award for 'outstanding contribution to sustainability at LSE'.

April 2013: Maths Department hosts visit from Bushey Meads School

On 30th April, LSE's Mathematics Department hosted a visit from some budding young mathematicians from Bushey Meads School (and their mathematics teacher, former LSE Maths student Suresh Varsani). You can read a write-up of the day on the Bushey Meads website, here.

March 2013: Maths Department Manager David Scott's 172-mile Cycling and Running Challenge for Friends of the Earth

David Scott is undertaking a sponsored cycling and running challenge between March and June to raise money for Friends of the Earth. Click here to find out more.

2013: Congratulations to Derek

Derek Wan has been awarded his PhD in Mathematics. For details of his thesis title, supervisor, and the evergrowing list of PhD alumni of the department, please view our PhD "Roll of Honour". Congratulations Dr Wan!

2013: MSc Careers Networking Event 2013

The Department successfully held an alumni panel and careers networking event for our MSc Applicable Mathematics and MSc Financial Mathematics students.

February 2013: ESRC Game Theory Workshop 2013 with Nobel Prizewinner Alvin Roth

The Department recently hosted a Workshop on "Matching Under Preferences" supported by a grant from the Economic and Social Research Council (ESRC) on "Games and Economic Behaviour". The highlight of the event was a very accessible and hugely popular talk by Professor Alvin Roth (Nobel Prize winner): "Who Gets What? The New Economics of Matchmaking and Market Design". Earlier in the day, five other experts on "Matching under Preferences" gave presentations on their recent research: Sophie Bade (Royal Holloway), Lars Ehlers (Montreal), Aytek Erdil (Cambridge), Flip Klijn (Barcelona), and David Manlove (Glasgow).

January 2013: National Student Survey

Are you a 3rd year undergraduate student at LSE? If so, then please remember to take part in the National Student Survey 2013, which has recently launched. It is your opportunity to influence developments in teaching and support at LSE, and in the Mathematics Department.