

Happy New Year



Prof Martin Anthony

I would like to welcome you to our 2017 bulletin, and what a year it was.

We have been very pleased to welcome students on to two new degree programmes, one undergraduate and one postgraduate. Our existing programmes continue to thrive and we have taken a number of initiatives, with new courses and new ways of teaching and assessing.

Staff in the department, and our research students, have continued to conduct outstanding research and have had notable success in attracting research funding and other recognition.

Our alumni are a very important part of the department and I hope you will stay in touch. In particular, I do hope you will be able to join us in March (details below) for our alumni get-together. It is always great to catch up with our former students and we promise you an informal, relaxing and convivial evening.

Professor Martin Anthony
Head of Department of Mathematics



Dr Julia Böttcher

Review of the year: 2017

We've seen lots of development within the Department during 2017, both in our educational and research strategies. A full update about the department can be read [here](#). Notable highlights include:

- Successful application to a number of Research Council grants, including:
 - [Dr Peter Allen](#), Associate Professor of Mathematics at LSE, has been awarded a grant from the Engineering and Physical Sciences Research Council (EPSRC) for a project entitled 'The Sparse Hypergraph Regularity Method'.
 - [Dr Julia Böttcher](#), Associate Professor of Mathematics at LSE, has been awarded a grant from the Engineering and Physical Sciences Research Council for a project entitled 'Packing large-scale graphs, and graceful labellings'.
 - [Dr László Végh](#), Associate Professor of Mathematics at LSE, has been awarded a starting grant from the European Research Council for a project entitled '[Scaling Methods for Discrete and Continuous Optimization](#)'.
- Working alongside [Ola Svensson](#) and [Jakub Tarnawski](#), [László Végh](#) developed the first constant-factor approximation algorithm for asymmetric travelling salesman problem (ATSP). Read more [here](#).



Dr Peter Allen



Dr László Végh



Prof Tim Roughgarden

- Engaging Public Lectures from:
 - [Professor Tim Roughgarden - November 2017](#)
 - [Cathy O'Neil - July 2017](#)
 - [Professor June Barrow-Green - March 2017](#)

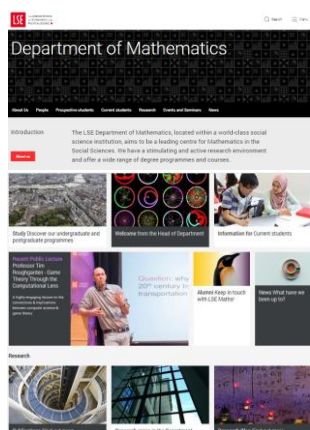
- Launching our new MSc programme in Operations Research & Analytics; and, with our colleagues in the Department of Statistics, an undergraduate programme in Financial Mathematics and Statistics. Both courses have been particularly popular with new students – in particular our standalone [C++ programming module](#) - and we look forward to seeing the first results from these next summer.



Drs Matthew Jenssen and Barnaby Roberts

- Inaugurating 'The Department of Mathematics' PhD Prize for Outstanding Academic Performance'. The joint winners this year were:
 - Matthew Jenssen (Discrete Mathematics, graduated 2017)
 - Barnaby Roberts (Discrete Mathematics, graduated 2017)
 - Yavor Stoev (Financial Mathematics, graduated 2015)

- Continuing our [Women in Mathematics seminar series](#), with presentations from:
 - Professor Julia Black (LSE's then-interim Director and current Pro-Director Research)
 - Dr Luitgard Veraart (Associate Professor, Department of Mathematics LSE)
 - Dr Eugénie Hunsicker (LMS Women in Mathematics Chair and senior lecturer in mathematics at Loughborough University).



lse.ac.uk/Mathematics

- Launching our new website in December, following LSE's new in-house style. We've streamlined the page-flow and added lots of new content for [prospective](#), [current](#) and [alumni](#) students, as well as those interested in our research topics. We hope you enjoy taking a look around: <http://www.lse.ac.uk/Mathematics>

- Our Twitter account exceeding 1,000 followers. If you haven't yet followed us, get involved: [@LSEMaths](https://twitter.com/LSEMaths)

Save the date: Alumni Reception 08/03/18

We'd love for you to join us for an informal alumni reception: the perfect opportunity for you to reconnect and build your network, as well as catch up with the Department.

Date: Thursday 8 March 2018

Time: 18.00 - 20.30

For now, all you need to do is save the date - we'll be sending out more information and RSVP details in the new year.

All that remains is for me to wish you a wonderful New Year - we look forward to seeing you in March, if not before.

With best wishes,

Your Department

If you'd like to contact us directly, please email alumni@maths.lse.ac.uk.



Alumni reunion 2017