

The Yorkshire Branch of the Mathematical Association - Programme 2018 - 2019

Those meetings labelled MALL 1, School of Mathematics take place at the University of Leeds. See the back page for details.

Saturday
20th Oct 2018
2pm for 2:30pm

*MALL 1, School of
Mathematics*

Dr Richard Elwes – University of Leeds

The Platonic Solids' Lesser Known Cousins

The Platonic solids need no introduction. But what makes these five shapes so special? They are the only polyhedra satisfying the following conditions: every face is a regular polygon, every face is identical to every other, every edge is identical to every other, every corner is identical to every other, and finally the shape is *convex* (roughly, it contains no holes or spikes). In this session, we will investigate some of the less famous (but no less beautiful!) shapes that arise when we relax or amend these conditions. The session will also showcase three of the speaker's current favourite things: a children's construction toy (*Magformers*), a piece of software (Robert Webb's *Stella 4D*), and a rare book (*Adventures Among The Toroids* by Bonnie Stewart).

Tim Devereux and Alan Slomson – YBMA

"Christmas Quiz and Buffet!"

A sociable evening of brain-frazzling questions, quirky mathematical prizes with seasonal food and drink. Cajole your colleagues to come and enjoy themselves.

Tuesday
4th Dec 2018
7pm for 7:30pm

*MALL 1, School of
Mathematics*

Enriching the teaching of A level statistics A Study Day for Teachers

Stella Dudzic - MEI

Some Statistical Starters

This session will introduce some starters for teaching statistical topics as part of AS and A level Mathematics.

Lunch

Darren Macey - Cambridge Mathematics

Statistical software and simulation in the classroom

This session will look at a selection of free or inexpensive statistical analysis software and explore how they can be embedded in lessons alongside real datasets to enhance student dialogue around statistical concepts.

For more details and to register for the study day please e-mail Alan (A.Slomson@leeds.ac.uk). Registration fee £30 (includes lunch).

Saturday
9th March 2019
11am for 11:15am

*MALL 1, School of
Mathematics*

The study day will end with optional tea/coffee at 3pm.

Wednesday
3rd April 2019
2:30pm

*University of Leeds
(Rupert Beckett
Lecture Theatre,
Michael Sadler
Building)*

W P Milne Lecture for Sixth Formers

Dr Katie Chicot – The Open University

To Infinity and Beyond

The infinitely large and the infinitely small are mind-blowing concepts that have helped mathematicians to solve some very real, and finite, problems. Katie Chicot explores the mysteries and misconceptions of infinity, from ancient puzzles to some of the very latest mathematical research, taking you to infinity...and beyond.

*This talk is included in the Key Stage 5 Maths Day during the **Leeds Festival of Science**. Visit www.leeds.ac.uk/festivalofscience for more details.*

Saturday
June 2019
2pm for 2:30pm

*MALL 1, School of
Mathematics*



Followed directly
by...

TBC

The YBMA AGM (at the same venue)

Where to find us

The majority of our meetings this year are held at the University of Leeds in the School of Mathematics, Room MALL 1.

The university is well signed from all major routes into Leeds. *For internet maps and satellite navigation the postcode is LS2 9JT.* The best entrance to use if travelling by car is the one located on the A660 (Woodhouse Lane).

Enter the campus immediately next to the Parkinson Building (the large white building with a tower) and follow the road round to the left past the entrance barrier. Shortly after a speed bump you follow the road into a left turn.

After 100m the road bears right. Continuing along this road will bring you to the multi-storey carpark, and further still along the road brings you to the Edge (sports centre) carpark. Please park in one of these as this is where the pay stations are located which you will need as you leave.

Follow the university signs for the Edward Boyle Library. The entrance to the School of Maths is next to the library.

A campus map is available from our website at <http://www.ybma.org.uk/program.php>. MALL 1 is located in the School of Mathematics - building 84a on the map. Full directions and travel information for the University of Leeds can be found at: http://www.leeds.ac.uk/info/5000/about/131/find_us

Parking arrangements

The University now charges for parking.

Please ensure you pay before you exit.

Pay machines take **card only** and can be found on Level 1 of the Multi-Storey, in the middle of The Edge car park and outside the Ziff building. The charges are as follows

Parking Tariffs	
Up to 2 hours	£2
Up to 3 hours	£3
Up to 4 hours	£4
Up to 5 hours	£5

For more details see 'Public Visitor Parking' at <http://carparking.leeds.ac.uk/visitors/>

The Yorkshire Branch of the Mathematical Association

Programme for 2018/2019

- Our meetings are held at the University of Leeds. Please see the back page for more details.
- Refreshments are usually available before the meetings start.
- Non-members are welcome to attend meetings.
- Become a member of the branch free of charge and receive our termly newsletter by e-mail request to A.Slomson@leeds.ac.uk

President

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Secretary

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