

The Yorkshire Branch of the Mathematical Association - Programme 2017 - 2018

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

Wednesday
11th Oct 2017
7pm for 7:30pm

Tom Roper - President, The Mathematical Association, 2017-18

Mary, Mary, quite contrary, how does your garden grow? With silver bells and cockle shells and Fibonacci all in a row

*MALL 1, School of
Mathematics*

2016 saw the RHS Chelsea Flower Show feature a Mathematics Garden and whilst I didn't go and see it, the articles about it that I read caused me to explore a little. The talk and activities therein won't improve your garden but it might add something to your mathematical diet.

Thursday
7th Dec 2017
7pm for 7:30pm

Tim Devereux and Alan Slomson – YBMA

"Christmas Quiz and Buffet!"

*MALL 1, School of
Mathematics*

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

Enriching the Teaching of A level Mathematics A Study Day for Teachers

Saturday
10th March 2018
11am for 11:15am

Tom Roper - President, The Mathematical Association, 2017-18
Teaching mechanics: assumptions, misconceptions and Newton's Laws

*MALL 1, School of
Mathematics*

This workshop will cover basic assumptions, misconceptions and Newton's Laws in the teaching of mechanics. There will be many activities used that can be taken very easily directly into the classroom.

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

Lunch

Lizzie Kimber

Using rich tasks for teaching A level Mathematics

We will work together on some rich tasks offered by Underground Mathematics and consider the different ways in which the resources could be used to develop students' mathematical thinking. We will also discuss how classroom video clips can be used for teacher professional development.

For more details and to register for the study day please e-mail Alan (A.Slomson@leeds.ac.uk). Registration fee £10 (includes lunch).

Wednesday
21st March 2018
2:30pm

W P Milne Lecture for Sixth Formers

Dr Paul Baxter – Associate Professor in Biostatistics - University of Leeds

Are large databases good for your health?

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

The big increase in computing power over recent years has made it possible to routinely record large volumes of information about our daily lives (and especially our health). Statistics is the essential tool for making sense of the huge quantities of data available. There are many exciting challenges – often the data that are missing or poorly recorded are at least as informative as the data that are present. The real strength of such databases comes when they are linked together to see the bigger picture, but how do we do this, and should we worry that our privacy is being invaded? In this talk we look at these issues through examples ranging from goals in world cup football to survival following a heart attack.

*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
9th June 2018
2pm for 2:30pm

Jane Turnbull - YBMA

A story of Mathematics told through my stamp collection

*MALL 1, School of
Mathematics*



A chance to have a look at some of my stamp (and other related philatelic items) collection which tells a history of mathematics. You will be able to hear about a selection of my favourite bits and for those of you who enjoyed the talk last year there will definitely be a new selection for you to see.

Followed directly
by...

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 2017/2018

- 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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