

The Yorkshire Branch of the Mathematical Association - Programme 2011 - 2012

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

Saturday 15 th Oct 2011 2pm for 2.30	Ryan O'Grady - AST Mathematician, Calderdale LEA "Baffling Kids The Right Way"
<i>MALL 1, School of Mathematics</i>	Many of our pupils today will grow up to do jobs that don't exist yet. The only skills we can be sure they'll need are the ability to pose and solve problems. An interactive hour demonstrating tactics, techniques and technology to create lessons to foster these crucial skills.
Tuesday 15 th Nov 2011 7pm for 7.30	David Acheson - Jesus College, Oxford "Proof, Pizza and Playing the Guitar"
<i>MALL 1, School of Mathematics</i>	This is an entertaining, thought provoking and off-beat look at some of the most important ideas in mathematics, using live demonstrations and computer experiments.
Tuesday 6 th Dec 2011 7pm for 7.30	Tim Devereux - YBMA "Christmas Quiz and Buffet!"
<i>MALL 1, School of Mathematics</i>	A sociable evening of brain-frazzling questions, quirky mathematical prizes with seasonal food and drink. Cajole your colleagues to come and enjoy themselves.
Wednesday 8 th Feb 2012 7pm for 7.30	Kevin Houston - University of Leeds "Mathematics and Card Cheating"
<i>MALL 1, School of Mathematics</i>	It is possible to shuffle a pack of cards so that the cards from two halves are perfectly alternated. While this shuffle looks perfectly fair, it is almost as unfair as you can get; the possibilities in cheating and in card magic are immense! In this talk we will look at this "perfect" shuffle and the interesting mathematics behind it.

Saturday 10 th March 2012 1.30pm for 2.00	Study Session Paul Andrews - MA President - University of Cambridge
<i>MALL 1, School of Mathematics</i>	"Rediscovering Multilink" Almost every primary school and secondary mathematics department has a box of multilink lying around in a store somewhere. In this session, we will work on a range of tasks that show how this extraordinary tool can help learners of all ages to do some intellectually worthwhile mathematics.
Followed at 4.00pm by...	The YBMA AGM (at the same venue)
Wednesday 14 th March 2012 (<i>Pi Day</i>) 2.30pm	W P Milne Lecture for Sixth Formers Matt Parker - Stand-up Mathematician
<i>University of Leeds (exact venue to be confirmed).</i>	"Shapes and Smoke-rings " Topology is an extension of geometry that allows shapes and surfaces to be stretched as much as you want, and it is not limited by our normal three dimensions. This talk will involve some topology thought experiments and some hands-on investigations.
Saturday 16 th June 2012 2pm for 2.30	The Summer Meeting Tom Roper - University of Leeds
<i>Venue to be confirmed</i>	"Olympic Maths" The Olympics provides its spectators with thrills, spills, the whole gamut of emotions and not an inconsiderable amount of fun and enjoyment. By bringing together some mathematics and the Olympics I hope to be able to do the same - well at least the fun and enjoyment. Be prepared to participate and compete, albeit gently!

Any alterations to the programme are listed in the YBMA Newsletter, sent to all members, or see the MA website at www.m-a.org.uk