

MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity no. 517028

2022

SEPTEMBER



ORBITER

MEM Orbiter can be downloaded free of charge from www.mathsmerseyside.org.uk/

Liverpool Mathematical Society



Popular Lectures

Suitable for year 11 up, their teachers and anyone interested in mathematics. The lectures are free but registration is required via Eventbrite. For full details and to register, visit the LivMS website www.livmathsoc.org.uk/

Adventures in the Fourth Dimension **Zoe Griffiths**

(ThinkMaths and Maths Inspiration)
Thursday 13 October 2022
Online 5.00 PM to 6.00 PM

This interactive presentation introduces students to mind-bending shapes that exist in the 4th dimension in a highly visual and easily accessible manner.



[\[Registration is now open\]](#)

Dark matter and dark energy **Ed Hardy**

(University of Liverpool)
Thursday 24 November 2022
In-person – venue tba
5.00 PM to 6.00 PM



Despite all of science's spectacular successes, we still know almost nothing about the nature of 95% of the mass and energy in the Universe.

LivMS Christmas Lecture **Mathematics - the Joy and the Magic! Andrew Jeffrey**

(The MatheMagician
and Maths Inspiration)
Tuesday 13 December 2022
In-person – venue tba
2.00 PM to 3.00 PM



Andrew claims no special talent, other than an insatiable curiosity about how and why things work, and how to be better than yesterday. He merely enjoys entertaining his audiences by combining his five senses to create the illusion of a sixth. No mathematical knowledge above GCSE level is expected or required to participate and enjoy the lecture.

Maths Club

The University of Liverpool's free monthly Saturday Maths Club for GCSE & A-Level students is returning from 29th October. See http://www.maths.liv.ac.uk/~mathsclub/ for details and to join.

LivMS Bursary Fund (charity no. 1156909). We expect to award bursaries of between £30 and £300 (in exceptional circumstances, up to £500) for teachers and students. For more information and how to apply visit www.livmathsoc.org.uk.

Next deadline: 30 Sept 2022

MEM Masterclasses 2022



**A series of 4 face-to-face
Saturday Masterclasses for Y8
or Y9 pupils will be held.**

www.mathsmerseyside.org.uk/
If you were unlucky and unable to get a place this year, there are some free FunMaths Roadshow activities on the LivMS website here:
[FunMaths Roadshow Home Activities](#)

Join LivMS You can join as an individual, or your school or college can join as an institution. If you are able to pay more than the standard subscription, any additional amount paid will be treated as a donation, for which the Society will be most grateful. To join, please go to www.livmathsoc.org.uk
Membership is free for students.

**Challenge and Senior Challenge
prizewinners** were able to attend at the University of Liverpool in May.



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