



MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity no. 517028

ORBITER

2018
SEPTEMBER

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

Mathematical Education on Merseyside (MEM)

www.mathsmerseyside.org.uk/

An open invitation

To find out more about MEM, why not come to our next meeting?

5:00PM to 6:00PM

Wednesday 19th September 2018

University of Liverpool

Room G02

Mathematical Sciences Building

MEM Chairman: Barry Grantham

0151 794 4050

granthb47@gmail.com

MEM Secretary: Kerrie McCaffrey

0151 678 3322

kerrie-elise@hotmail.co.uk

Liverpool Mathematical Society (LivMS)

www.livmathssoc.org.uk/



Popular Lecture Series:

Thursday 11th October 2018

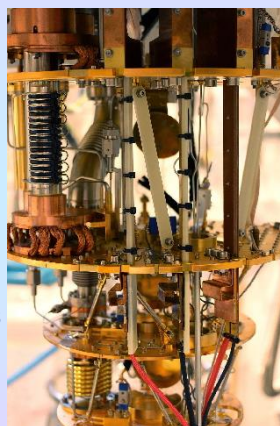
5:30PM to 6:30PM

Venue to be announced

Richard Pinch

'Computing the Future'

New ways of computing, not based on the further micro-miniaturisation of silicon circuits, are emerging as practical realities. Quantum computing is the new buzzword – Richard Pinch has been looking into what computers will look like after quantum tech arrives and what newer ideas are still on the drawing board.



http://www.livmathssoc.org.uk/cgi-bin/sews.py?Event_20181011_PopularLecture

Suitable for pupils in Yr. 11 and above, students, teachers and all those interested in mathematics and its applications.

No tickets. Admission £4.00 payable on the door. Free admission to full members of LivMS and all students.

Maths Club

www.maths.liv.ac.uk/~mathsclub/

The first meeting this year will take place at **Liverpool University** on **Saturday 29th September 2018**

Please email Michael Jones if you would like to attend: M.G.Jones1@liverpool.ac.uk

Advance Notice: **2019 LivMS Sixth Form Pop Maths Quiz** will be held on **Saturday 9th March 2019** at **Liverpool John Moores University, Byrom Street campus** www.livmathssoc.org.uk/

MEM Masterclasses 2018 LAST CHANCE to nominate your Y8 or Y9 pupils



Contact us NOW:

To apply for places please visit www.mathsmerseyside.org.uk/

Completed forms giving parental consent must be received by **28th September 2018**

LivMS Christmas Lecture:

Thursday 13th December 2018

2:00PM to 3:00PM

Venue to be announced

James Grime

'ENIGMA and the secret world of Code Breaking'

For as long as we have had secrets we have had secret messages. We present a look at the fascinating history and mathematics of codes and code breaking – from ancient Greece to the present day – including a demonstration of an original WWII Enigma Machine!



The lecture is expected to be followed by a 90 minute workshop

Suitable for pupils in Yr. 11 and above, students, teachers and all those interested in mathematics and its applications.

Admission is free but tickets are required, obtainable from:

http://www.livmathssoc.org.uk/cgi-bin/sews.py?Event_20181213_PopularLecture

LivMS Bursary Fund (charity no. 1156909). Bursaries up to £500 for teachers and students are available. Full details at: www.livmathssoc.org.uk/ Click on **Joyce Hatton Memorial Bursaries**. Next deadlines are 30 September 2018 and 31 January 2019

Yr. 12/13 Mathematical Problem-Solving Workshops

Improve your ability to solve complex mathematical problems in a relaxed and social environment at the **University of Liverpool**. Mondays 4:30PM to 6:30PM.

All free, including refreshments.

Weekly from October to Easter.

Contact: M.Bamber@liverpool.ac.uk for information.

LivMS AGM at 5:00PM on **Tuesday 18th September 2018** **University of Liverpool** **Room G02** **Mathematical Sciences Building**

Join LivMS You can join as an individual, or your school or college can join as an institution: www.livmathssoc.org.uk/ Membership is free for students.

MEM and LivMS are pleased to acknowledge generous financial help received during the past 12 months from Liverpool Hope University, Liverpool John Moores University, Mercer Limited, P H Holt Foundation, University of Liverpool, W.H.Smith Promotions Ltd.