



# MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity no. 517028

## ORBITER

2019

SEPTEMBER

MEM Orbiter can be downloaded free of charge from [www.mathsmerseyside.org.uk](http://www.mathsmerseyside.org.uk)

### Mathematical Education on Merseyside (MEM)

[www.mathsmerseyside.org.uk/](http://www.mathsmerseyside.org.uk/)

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

**5:00PM to 6:00PM**

**Wednesday 18th September 2019**

University of Liverpool  
Room G02  
Mathematical Sciences Building

MEM Chairman: Barry Grantham  
0151 794 4050  
[granthb47@gmail.com](mailto:granthb47@gmail.com)

MEM Secretary: Kerrie McCaffrey  
0151 678 3322  
[mccaffreyk@ridgeway.wirral.sch.uk](mailto:mccaffreyk@ridgeway.wirral.sch.uk)

### LivMS Christmas Lecture:

**Thursday 12th December 2019**

**2:00PM to 3:00PM**

University of Liverpool

[Please check the website for location](#)

### Tom Rocks Maths

(a.k.a. Tom Crawford)

### It's all Greek to me!

You've probably heard of Pythagoras, Archimedes and Plato, but do you know the sins behind their stories?

From murder and deceit to running naked down the street, the Ancient Greek mathematicians were anything but boring. I'll be telling you all about their mischief – mathematical or otherwise – as I bring the history of maths to life (featuring live experiments and togs).

Suitable for pupils in Yr. 11 and above, students, and teachers.

**Admission is free but tickets are required, and will be obtainable from the LivMS website [HERE](#)**



### Liverpool Mathematical Society (LivMS)

[www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/)



### Popular Lecture Series:

**Thursday 17th October 2019**

**5:30PM to 6:30PM**

Liverpool John Moores University  
Redmonds Building (tbc.)  
Brownlow Hill, L3 5UG

[Please check the website above](#)

### Nira Chamberlain

(Senior Data Scientist at Holland and Barrett)

### 'From Hip Hop to AI: The Power of Real World Mathematics'

In 2018, Nira won the Big Internet Math Off 'World's most interesting mathematician' competition. He will take you on a tour of some of his greatest mathematical adventures, challenges and inspirations. From Hip Hop to AI Apocalypse, Nira will show you the Real-World Power of Mathematics.



Suitable for pupils in Yr. 11 and above, students, and teachers.

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

### Maths Club

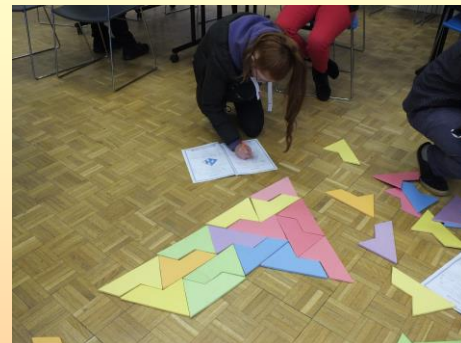
[www.maths.liv.ac.uk/~mathsclub/](http://www.maths.liv.ac.uk/~mathsclub/)

The first meeting this year will take place at **Liverpool University** on **Saturday 28th September 2019**

Please email Michael Jones if you would like to attend: [M.G.Jones1@liverpool.ac.uk](mailto:M.G.Jones1@liverpool.ac.uk)

Advance Notice: **2020 LivMS Sixth Form Pop Maths Quiz** will be held on **Saturday 7th March 2020** at **Liverpool John Moores University, Byrom Street campus** [www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/)

### MEM Masterclasses 2019 LAST CHANCE to nominate your Y8 or Y9 pupils



### Contact us NOW:

To apply for places please visit [www.mathsmerseyside.org.uk/](http://www.mathsmerseyside.org.uk/)

Completed forms giving parental consent must be received by **27th September 2019**

**LivMS Bursary Fund** (charity no. 1156909). Bursaries up to £500 for teachers and students are available. Full details at: [www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/) Click on **Joyce Hatton Memorial Bursaries**. Next deadlines are 30 September 2019 and 31 January 2020

### 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](mailto:M.Bamber@liverpool.ac.uk) for information.

**LivMS AGM** at 5:00PM on **Tuesday 17th September 2019** Room 705, James Parsons Building, Liverpool John Moores University, Byrom Street, Liverpool

**Join LivMS** You can join as an individual, or your school or college can join as an institution: [www.livmathssoc.org.uk/](http://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, University of Liverpool, and W.H.Smith Promotions Ltd.**