

MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity no. 517028



ORBITER

2018
APRIL

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

MEM Masterclasses 2018 The twenty-eighth series of Masterclasses will take place in the Autumn Term on five Saturdays starting in October 2018. Full details can be found at www.mathsmerseyside.org.uk/

If you wish to nominate up to **two** pupils from your school who are at present in Y7 or Y8 the application process will open on 11th May 2018 at: www.mathsmerseyside.org.uk/Masterclasses.html

Don't delay. Places are limited and will fill up very quickly.

Sixth Form Pop Maths Quiz The thirteenth Annual LivMS Quiz was held on **Saturday 10th March 2018** at **Liverpool**



John Moores University, and was organised by Tony Carter, Peter Giblin, Barry Grantham and Ian Jarman. The Quiz was attended by 83 students in 23 teams from 9 schools, supported by 13 teachers and 8 LivMS staff and PGCE trainees. The 2018 winning teams were Carmel College and St John Rigby College, pictured here with Ian Jarman from Liverpool John Moores University who presented all the prizes:

<http://www.livmathssoc.org.uk/cgi-bin/sews.py?PopMathsQuiz>

The 2018 LivMS Pop Maths Quiz was sponsored by Liverpool John Moores University and WH Smith Promotions Ltd.

Liverpool Mathematical Society



Popular Lecture:

Wed 18th April 2018

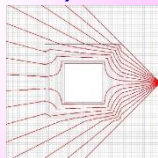
5:30PM to 6:30PM

Liverpool John Moores University
Redmonds Building, Brownlow Hill

Wave Cloaking and the Millennium Bridge ('Wibbly Wobbly Bridge') Problem

Professor Alexander Movchan (LivMS President)

This lecture is about the mathematics of waves. In structured solids waves may have interesting and unusual properties. A bridge, for example, can be viewed as a waveguide, and waves can be controlled, so that vibrations are suppressed.



This lecture is suitable for Year 11 and above.

For full details of all LivMS events, visit

www.livmathssoc.org.uk/

LivMS Bursaries (up to £500 each) are available for teachers and students. More details: www.livmathssoc.org.uk/ and click on Joyce Hatton Memorial Bursaries. Next deadline is 31st May 2018

Join Liverpool Mathematical Society

for access to the members' pages of the website, free admission to public lectures and more, go to www.livmathssoc.org.uk/ and click on Membership (free for students).

FunMaths Roadshow

Version 6 is available in English and Welsh

Details: www.livmathssoc.org.uk/

Contact MEM

www.mathsmerseyside.org.uk/ MEM

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MEM Secretary: Kerrie McCaffrey

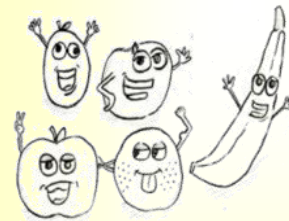
Tel 0151 652 1574

kerrie-elise@hotmail.co.uk

Challenge, Senior Challenge, and LivMS Open Challenge

These **take-home competitions** for pupils in **Years 7/8** (MEM Challenge) and **Years 9/10** (Senior Challenge) and **Year 13 and below** (LivMS Open Challenge) were held in the February half-term 2018.

The MEM competitions attracted over 3000 entries from 170 different schools and the Food and Drink themed questions were illustrated by Theo Chaddock and Will Ashworth.



Prizes and certificates will be awarded at events to be held at the University of Liverpool on

Wednesday 2nd May 2018
and

Wednesday 9th May 2018.

www.mathsmerseyside.org.uk/

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