



MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity No. 517028

ORBITER

2015
JANUARY

MEM Orbiter can be downloaded free of charge from <http://www.maths.liv.ac.uk/~mem>

UTC Y8/9 Masterclasses

The 1st Series of joint Mathematics and Science masterclasses will take place from January to June 2015 at Liverpool Life Sciences University Technical College. For full details and how to apply visit

www.maths.liv.ac.uk/~mem/MasterclassesUTC.html

MEM Challenge & Senior Challenge, LivMS Open Challenge

Copies of these **take-home competitions** for pupils in **Y7/8** (Challenge), **Y9/10** (Senior Challenge), and **Age 18 and under** (Open Challenge) will be mailed directly to Heads of Maths in all secondary schools by 31 January 2015, and can be **downloaded** from the websites below. They should be made available to pupils over **February half-term 2015**. Participation is **FREE**.

Further details at www.maths.liv.ac.uk/~mem/ and www.livmathssoc.org.uk/

LivMS Bursaries (up to £500 each) are available for teachers and students. For more details visit: www.livmathssoc.org.uk/ and click on Joyce Hatton Memorial Bursaries

FunMaths Roadshow

Welsh version 6 now available

Discounts for those already possessing English v5 or v6. For full details and how to obtain the FunMaths Roadshow please see www.livmathssoc.org.uk/ and click on FunMaths Roadshow

Liverpool Mathematical Society (LivMS)

For full details of 2015 events visit www.livmathssoc.org.uk/

Popular lecture suitable for everyone Year 11 and up:

'When Fridges Attack – Robots, Artificial Intelligence and Our Future'

Peter McOwan

Artificial Intelligence and robots are becoming a part of the world around us. From industrial and domestic settings to music and entertainment, things around us are getting smarter. This talk will explore the new opportunities this world of synthetic intelligence can create and what challenges it might raise.

5:30PM to 6:30PM

Wednesday 18th March 2015

**University of Liverpool
Chadwick Building L69 7ZF**

No tickets. Free admission to all students and full members of LivMS

Others £2.00 payable on the door.

LivMS Sixth Form Pop Maths Quiz

The 11th annual Quiz will be held on **Saturday 14th March 2015**

**Liverpool John Moores University
Byrom Street Campus**

10:00AM to 2:00PM

This is a team competition which runs a bit like a Pub Quiz but without any alcohol! **Prizes awarded on the day**. Details and application forms: www.livmathssoc.org.uk/



MEM Y8/9 Masterclasses

The 24th Series was attended by 62 pupils from 27 schools. Venues for the 5 sessions included in turn the campuses of all 3 Liverpool-based universities.

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



Contact MEM

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

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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)



The Pop Maths Quiz is sponsored by Chartwell-Yorke (Maths Net A Level), Liverpool John Moores University, Qwizdom and WH Smith.

For details of Interactive Online Tuition see www.mathsnetalevel.com

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