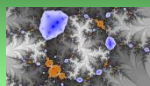


MATHEMATICAL EDUCATION ON MERSEYSIDE



Registered Charity no. 517028

ORBITER



2014
SEPTEMBER

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

Mathematical Education on Merseyside (MEM)

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

An open invitation

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

5:00PM to 6:00PM

Wednesday 17 September 2014

**University of Liverpool
Room G02**

Mathematical Sciences Building

MEM Chairman: Barry Grantham

0151 794 4050

granthb47@gmail.com

MEM Secretary: Julie Powell

0151 231 5205

J.M.Powell@ljmu.ac.uk

MEM Challenge (Y7/8) and Senior Challenge (Y9/10) and LivMS Open Challenge

These **take-home competitions** for pupils **will be held over half-term in February 2015** and they are **free!** Questions will be mailed to schools early in February. The theme for 2015 will be the works of **Lewis Carroll** and **Alice in Wonderland**.

Maths Club

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

The first meeting this year will take place at **Liverpool University** on

Saturday 20th September 2014

Please email if you would like to attend. Contact: Michael Jones

M.G.Jones1@liverpool.ac.uk

Further Maths Centre

www.furthermaths.org.uk

contact: Martin Bamber

Tel 0151 795 0345

M.Bamber@liverpool.ac.uk

Liverpool Mathematical Society (LivMS)

www.livmathssoc.org.uk/



Popular Lecture Series:

Wednesday 15th October 2014

5:30PM to 6:30PM

Liverpool Hope University

Paulo Lisboa

'Mathematics – is it for real?'

A short walk through applications to real-world problems in data analysis.

Wednesday 26th November 2014

5:30PM to 6:30PM

University of Liverpool

Lasse Rempe-Gillen

'Chaos in dimension one'

An introduction and new results (images above)

Both lectures above are suitable for pupils in Yr. 11 and above, and their teachers.

Admission £2.00 payable on the door. No tickets. Free admission to full members of LivMS and all students.

Advance Notice: The **2015 LivMS Sixth Form Pop Maths Quiz** will be held on **Saturday 14th March 2015** at **Liverpool John Moores University, Byrom Street campus**

Find out about **joining the Society**

FunMaths Roadshow is now available in English and Welsh versions

Joyce Hatton Memorial Bursaries are available (£50 to £500) through the Liverpool Mathematical Society Bursary Fund for teachers and pupils for eligible mathematical projects

For **further information** and order/application forms for all the above, go to www.livmathssoc.org.uk/

Mathematics Subject Knowledge Enhancement (SKE) Courses

November 2014 to June 2015

at **Liverpool Hope University** in partnership with St John Bosco Teaching School Alliance and St Helens Teaching School Alliance. These courses are **FREE** (fully funded by government).

Sessions take place at Liverpool Hope University and school venues.

One full day Friday, 3 Saturdays and 5 twilight sessions each term.

<http://www.maths.liv.ac.uk/~mem/index.html>

contact: cpd@hope.ac.uk

MEM Masterclasses 2014 LAST CHANCE to nominate your Y8 or Y9 pupils



Contact us NOW:

Application forms can be downloaded from www.maths.liv.ac.uk/~mem

Completed application forms giving parental consent must be received by **26th September 2014**

Primary CPD: Problem Solving and Reasoning Mathematically

Claire Martin

**Saturday 15th November 2014
Liverpool Hope University
EDEN Building**

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

contact: gustarf@hope.ac.uk

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, University of Liverpool