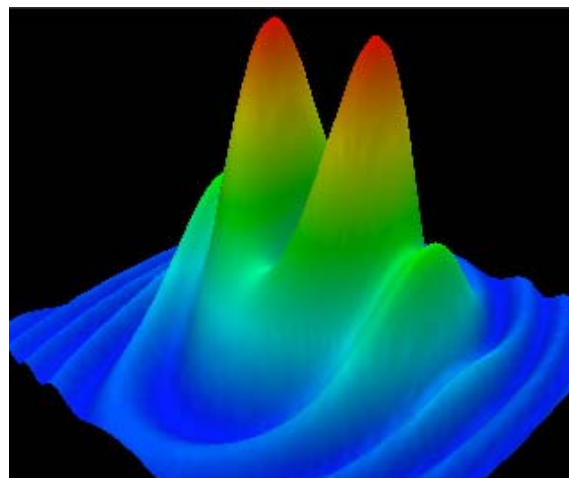


The Further Mathematics Support Programme (South West) is pleased to announce the following event for Year 13 Mathematics students:

**Further Pure
Mathematics 2 (MEI)
Revision Day
Thursday 9th June 2011
9:30am to 3:00pm
The University of Plymouth**



This is an ideal opportunity to prepare for the **FP2** examination in June. During the day you will review topics require for FP2, have an opportunity to discuss examination questions and receive fully worked solutions for examination papers.

The topics covered will be:

Calculus: Using inverse trig functions and hyperbolic functions; Maclaurin series.

Complex Numbers: De Moivre's Theorem and its applications, Exponential notation, summing $C+jS$, n th roots of complex numbers.

Hyperbolic Trig functions: Definitions of the hyperbolic trig functions and their inverses, using identities involving hyperbolic trig functions.

Matrices: Inverse of 3×3 matrices, solving simultaneous equations with 3 unknowns and interpreting the solutions geometrically, finding eigenvalues and eigenvectors, using the Cayley Hamilton theory.

Polar co-ordinates: Converting between polar and Cartesian co-ordinates, drawing curves and calculating areas for curves defined using polar co-ordinates.

The cost per student will be £15, (£10 to students whose schools are registered with the FMSP) which will include lunch.

Booking details

Places are limited and therefore we must ask for payment in advance to secure places. Reservations will be made on a first-come, first-served basis and these bookings along with specific details of the venue, will be confirmed when payment has been made.


To make a reservation, please contact Margaret at:

Email: margaret.harding@plymouth.ac.uk Telephone: 07794 208418

Payment should be in the form of a cheque payable to 'University of Plymouth'

Please send cheques to: Margaret Harding, Centre for Teaching Mathematics, School of Computing and Mathematics, University of Plymouth, PL4 8AA.

Please contact Margaret Harding for any further information.

The Further Mathematics Support Programme is managed by  and funded by DfE.