

Maths Strand Outputs in the National HE STEM Programme



Institute of
mathematics
& its applications



A **dynamic** one day workshop **sharing the outputs of the Maths Strand of the National HE STEM Programme with a wide range of resources to take away for HE mathematics departments.**

Each workshop will run in two parts, enabling colleagues to attend the sessions which are most appropriate for them. If you would like to attend, please e-mail Hazel Lewis hazel.lewis@ima.org.uk, stating whether you would like to attend Part A and/or Part B; have any special access requirements and whether you can stay for lunch.

Date

03 May 2012 (Thursday) →
10 May 2012 (Thursday) →
17 May 2012 (Thursday) →
25 May 2012 (Friday) →
30 May 2012 (Wednesday) →

Venue

National STEM Centre, York
Manchester Metropolitan University
London Metropolitan University
University of Birmingham
Cardiff University

Part A: 11am – 1pm Outreach, Widening Participation, Careers and Employer Engagement

Delivered by Makhan Singh and Hazel Lewis, Institute of Mathematics and its Applications

The maths strand work in this area has been led by the IMA (Institute of Mathematics and its Applications). This session will showcase the diverse set of resources which have been developed, as well as the lessons which have been learnt in the areas of outreach, widening participation, careers and employer engagement. Part of this session will focus on the hands on maths outreach kits which have been developed, so there will be plenty of opportunities to try out the activities and network with the other delegates.

NB: Please see the attached menu of available products to see the resources that will be on offer.

Lunch: 1pm – 1.45pm (Please inform us of any dietary requirements in advance)

Part B: 1.45pm – 3.45pm HE Curriculum Innovation and Student Support

Delivered by Peter Rowlett, MSOR Network and a sigma representative

The MSOR Network led the Curriculum Innovation activities and a strong steer was given to this work by the HE Mathematics Curriculum Summit. The Summit identified areas where work was urgently needed and following a competitive tendering process, HEIs were engaged to carry out investigations in these areas. The findings and outputs from these projects as well as others will be outlined. In student support, the sigma-network has been established and regional hubs have provided developmental activities and opportunities to share good practice in maths and stats support on a regional basis. Funding has been made available to help establish several new support centres and training provided to staff and post-graduates who work in these centres. Input from sigma to this session will focus on its legacy from the HE-STEM programme: where resources can be found and how to use them; the operation of regional hubs in the future and the sigma advisors list.