

# RECENT CHANGES TO 16-19 SCIENCE QUALIFICATIONS

University of Keele 21st June 2007 from 10.00am to 4.15pm

This seminar is intended to inform University Teachers in Science, Technology, Engineering and Mathematics (STEM) about the developments taking place in schools leading to changes in the qualifications of intending applicants. It will principally be of interest to admissions tutors, first-year teachers and heads of study but most academics will find it of benefit. The speakers have been chosen to represent all aspects of STEM teaching.

Organiser: Physical Sciences Centre on behalf of all STEM Centres.

## PROGRAMME

**10.00 - 10.25**

Registration and Coffee

**10.25 - 10.30**

Welcome

**10.30 - 11.15**

**Mark Orrow-Whiting.** Qualifications and Curriculum Authority  
"An overview of the current developments. How STEM subjects fit into the developing curriculum"

*Mark is Programme Manager in the Curriculum Division with particular responsibility for keeping the entire curriculum under review, engaging with schools, learners, parents and the wider community, and in addition advising on science.*

**11.15 - 12.00**

**Miranda Stephenson.** Deputy Director at the National Science Learning Centre

"Inspiring better teaching of post-16 science"

*Miranda's responsibilities are strategic planning for the Centre, its day-to-day management and the programme of Continuing Professional Development offered to those who are in the science education community.*

**12.00 - 12.45**

**Deborah Langton and senior staff from selected Specialist Science Colleges.**

"Teachers' perspectives on the new syllabi"

*Deborah is the National Higher Education Coordinator at the Specialist Schools and Academies Trust and will give a brief overview of SSAT, followed by colleagues giving us their opinions.*

**12.45 - 1.45**

Lunch

**1.45 - 2.30**

**Norma Honey.** Assistant Director at the National Centre for Excellence in the Teaching of Mathematics  
"Counting on Mathematics"

*Norma will describe the work of the NCETM and cover changes in mathematics, teaching and learning approaches and student expectations.*

**2.30 - 3.15**

**Hal Igarashi.** Energy & Utility Sector Skills Council  
"The New Diplomas"

*Hal is a Life Long Learning Manager with responsibilities for the development of Skills Strategy and Standards and Qualifications for the energy and utilities sector. He has been working on the development of the Engineering and Construction Diplomas since November 2005.*

**3.15 - 3.30**

Tea

**3.30 - 4.15**

Panel Question and Answer session

There is no charge for the workshop for those working in UK HE. To register visit <http://www.physsci.heacademy.ac.uk> or email [psc@hull.ac.uk](mailto:psc@hull.ac.uk)