

## International Day Wednesday 6 January 2010

**Not to be missed. An important day for science educators from across the world as well as at home in the UK. There will be two overlapping strands:**

### 'What Works for Me'

A unique opportunity to meet and hear from teachers from other parts of the world and to find out more about and participate in innovative practical sessions, as well as exploring what is new in areas of assessment that have international relevance.

### What Practical Use? - Science Education for the Future - of Individuals and of our World

The International Dinner (6th January) is the highlight of the ASE conference for many. This year we will have a magical theme - so early booking is strongly recommended.

For details of International Registration, please see pages 17, 18 and 19 of this Programme Preview.



#### 1000 Welcome and Introduction to the Day

Lynne Symonds, Chair of the ASE International Committee

#### 1015 A New Approach to Scientific Literacy in Italy

(Paola Ambrogi, SSIS University of Modena e Reggio)

#### 1015 Drama in Science Education in Israel

(Ran Peleg, Technion - Israel Institute of Technology)

#### 1015 Hands-on Experiments to Explore Many Aspects of Earth Science

Discover an initiative bringing teaching activities about the Earth to classrooms

across the world that have few or no resources. Currently more than 50 activities appear on the website, free to download and use. Sample some of the interactive activities yourself and see if they would work in your classroom. (Peter Kennett, Chris King, Elizabeth Devon, ESTA/ESEU)

#### 1015 Supporting Those Learning Science with a Second Language, including Evidence from the SPINE Educational Research Project in Zanzibar (repeated Wed 1100 and Fri 1400),

including addressing topics that are 'hard to teach'. (Mohammed Abeid, Sibel Erduran, Neil Ingram, Pauline Rea-Dickins, University of Bristol)

#### 1100 A Different View on Examinations,

a chance to learn about the International Baccalaureate (Guest Speaker, PASCO/Feedback)

#### 1100 Science Teaching and Learning in Portugal Today

(Sara Pereira, Universidade de Aveiro - CIDTFF, Portugal and Maria José Rodrigues, Instituto Politécnico de Bragança - CIDTFF)

#### 1100 Supporting Those Learning Science with a Second Language, including Evidence from the SPINE Educational Research Project in Zanzibar (repeated Fri 1400),

including addressing topics that are 'hard to teach'. (Mohammed Abeid, Sibel Erduran, Neil Ingram, Pauline Rea-Dickins, University of Bristol) (repeat)

#### 1100 The CoReflect Approach: Using Digital Tools To Support Inquiry, Collaboration, and Reflection on Socio-Scientific Debates

CoReflect is a research and development program bringing together science education teachers and researchers from seven European countries. We provide hands-on experimentation with the web-based learning environments on current socio-scientific issues. (Dr Eleni A Kyza, Cyprus University of Technology and Cally Oldershaw, ASE)

#### 1130 Cambridge Pre-U Global Perspectives and Independent Research (GPR),

the exciting new qualification for 16 - 19 year olds. Through a focus on issues of global relevance, students develop skills in critical analysis, evaluation and interpretation of argument structure and context. They dig deeper by learning how to design, plan and manage a research project on a topic of their choosing, and produce an Independent Research Report. (Guest Speaker, University of Cambridge International Examinations)

#### 1130 Science in the Palm of Your Hand (Data logging Without a Data Logger)

Yes, it can be done! Particularly useful for those working with limited resources. In this practical workshop you will experience many experiments in a fraction of the normal time and with radically different apparatus. Including Filtration, Electrolysis, Thermal decomposition, Testing for gases, and much more. All delegates receive FREE material for use back at school. (Mark Wooster and Mark Hynd, Edu-Lab)

#### 1200 What Works For Me... a medley of contributions from International visitors. Unmissable.

#### 1300 International Lunch, sponsored by University of Cambridge International Examinations

#### 1400 What Practical Use?

- Science Education for the Future - of Individuals and of our World  
An important seminar that will offer participants the opportunity to explore what can and should be happening in science education across the world in order to improve lives for all both now and for the future. This is an ambitious and ground-breaking event that will help science educators to determine the best way forward.

#### 1445 Parallel Discussion Forums

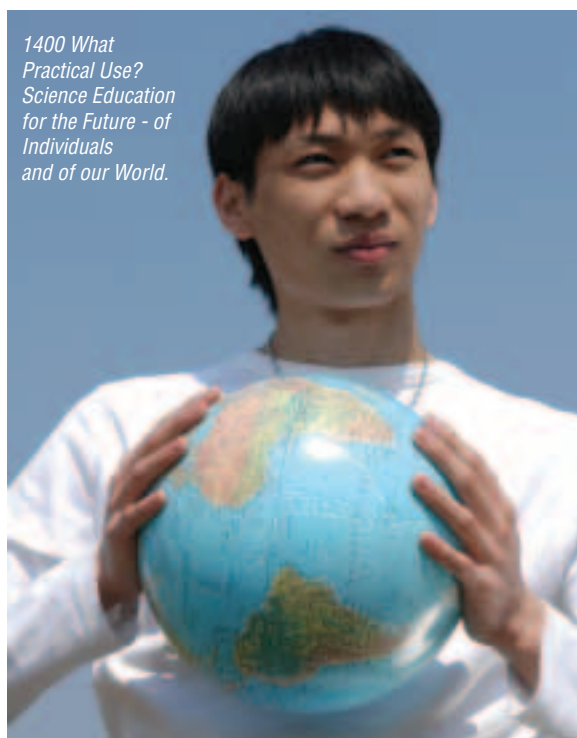
Introduction to parallel forums by Key Speakers

- 1 Practical science: attitudes and motivation
- 2 The jobs market
- 3 Motivation and engagement including environmental issues

#### 1600 Feedback from the Parallel Groups

Development of a draft to consolidate overarching strategic view and action points covering the themes in an international context.

#### 1700 Close



1400 What Practical Use? Science Education for the Future - of Individuals and of our World.