

Thursday 27 June Programme

09.30 - 10.00

Welcome *ASE President, Lord Martin Rees*

10.00 - 11.00

- ITCH and ITCH ROCKS - Exploring Science in Children's fiction *Simon Mayo, BBC Radio Presenter and author*
- Pedagogical patterns: curriculum planning made simple, *Tony Sherborne*
- **Supporting Scotland's STEM Education and Culture**, *Stuart Farmer*
- Reduced and microscale chemistry, *Bob Worley, CLEAPSS*
- Whose job was it to bring the sparklers to the party? *Ed Walsh*
- How Schools are using action research to improve student outcomes, *National Science Learning Centres*

11.00 - 11.30 Coffee Break

11.30 - 12.30

- Schools kill creativity! *Arranged by AQA*
- **(Primary keynote) Teachers are impressive...**, *Stuart Naylor*
- Science week and beyond, *Sarah Earle*
- EYFS and drama, *Caroline Galpin*
- Assessment in primary science - where next? *Derek Bell*

12.30 - 13.30 Lunch

13.30 - 14.30

- What would you do if you were Secretary of State for Education? *Arranged by AQA (until 15.00)*
- What do you need to move science forward in your school? *Jeanette Morgan*
- Medics in Science, *Tom Warrender*
- Practical Activities with radioactives, *Ralph Whitcher, CLEAPSS*
- Discussion session with key questions on current issues in science education, *NAIGS*
- Student assessment of Inquiry Learning, *Chris Harrison, King's College*

14.30 - 15.30

- I can explain, *Ali Eley*
- Science Now - Bringing the scientist to where you are, *Andy Bullough*
- Work scientifically and with industry ambassadors, *Joy Parvin*
- Amazing planet-action-packed classroom science, *Chris King and Elizabeth Devon, ESTA*
- Science and numeracy, *Claire Seeley*
- NAIGS AGM
- Creating a website to support professional learning for teaching argumentation in science, *Shirley Simon, IOE*

15.30 - 16.00 Coffee Break

16.00 - 17.00

- Let's get Mathematics in science sorted, *Richard Needham*
- WOW science, *Sue Martin*
- Teaching the science of the future, *The Royal Society*
- Thinking on your feet: football and physics, *Institute of Physics*
- Everyone loves a ladybird, *Helen Roy*
- Input from local Teaching Schools and SLEs, *NAIGS*
- A coherent approach: accountability in science education, *The Wellcome Trust*

Friday 28 June Programme

09.30 - 10.30

- Developments in Assessment, *AQA*
- Building Expertise - the Primary Science Specialist Study, *The Wellcome Trust*
- Science For All, *Andy Bullough*
- Chemistry chirality and home handedness, *Gordon Woods*
- The Primary Science National Curriculum - an update, *Brenda Keogh and Jane Turner*
- Different forms of CPD delivery and how to maximise their impact on science teaching and learning, *Science Learning Centres*
- Ofsted and Initial Teacher Education, *Brian Cartwright, arranged by ATSE*

10.30 - 11.00 Coffee Break

11.00 - 12.00

- The 80:20 divide, *Lord Martin Rees and Professor Robin Millar, chaired by Annette Smith, CEO ASE*
- School science: challenging perceptions, *Stuart Naylor*
- Primary science pop-up showcase, arranged by *Steve Marshall*
- *Biology in the Real World* Branching out: Am I an ape? *Dr Jeremy Pritchard*
- Update from Ofsted, *Brian Cartwright*
- What influences participation in science and mathematics? Evidence from TISME, *Louise Archer, King's College/TISME*
- Field network system: Using mobile and wireless technology to enhance the collation field data, *Trevor Collins and David Morgan*

12.00 - 13.30 Lunch

13.30 - 14.30

- What do the politicians think? *Arranged by AQA*
- *Primary science teacher awards (until 15.30)*
- Story science, *Sally Howard and Carolyn Yates*
- Linking Science, Art and Nature, *Heather Gilbert*
- *Biology in the Real World*-Branching out: What can we learn from nature's athletes? *Dr Zoe Self*
- Partnerships in science teacher education, *ATSE*
- Working in partnership to enrich and enhance teacher professional development in STEM, *Janice Griffiths, Roni Malek, Bryan Berry, SLCS*
- Using mobile technology to teach science, *Richard Needham*

14.30 - 15.30

- Institute of Physics PIPER Workshop, *Dr Anne Bowker*
- Primary science, *Lynne Bianchi*
- *Biology in the Real World*-Branching out: **Bees' feet**, conical cells, genetics and natural selection, *Katrina Alcorn*
- Where now with Faraday schools? *NAIGS*
- Learning science to change health-related attitudes and behaviour: research findings from the LifeLab programme, *Marcus Grace, Southampton University*
- Classroom Assessment - exploring the teaching and learning environment to make formative assessment work, *Chris Harrison and Sally Howard*

15.30 - 16.00 Coffee Break

16.00 - 17.00

- York Science - embedding assessment to improve learning, *Mary Whitehouse*
- Improving science in primary schools, *Jane Turner*
- Make the link, *Mark Windale*
- Resourcing school science project, *SCORE*
- Teaching schools and School Direct, *ATSE*
- Outdoor Learning and Sustainability Education, *Margaret Fleming and Richard Dawson, arranged by NAIGS*

*Please note **that we'll** endeavour to change this programme as little as possible, however it is subject to alteration.

ASE Summer Celebration Conference 2013, 27-28 June Booking Form

Title	Forename	Surname
Organisation		
Address		
Telephone		
Email	(*required. Confirmation will be emailed to you.)	
ASE Membership Number		
Diet/Access Requirements		

Delegate Packages

	Trainee rate		Standard		Delegate conference package inclusive of: Two full conference days, Thursday lunch, Friday picnic and refreshments throughout, full access to the ASE Summer Celebration Exhibition, Reservation for the ASE Summer Celebration Dinner, 1 night B&B at the University of Hertfordshire, use of leisure facilities, CPD Record.
Member	£235		£285		
Non-Member	£300		£350		
Please note that all Non-Member rates include one free annual Associate Membership					

Day Delegate Rates

Day Delegate Rates		Thu	Fri	Thu & Fri	
Member Day Delegate rate	£175			£235	Day Delegate rate inclusive of: One full conference day, Thursday lunch and/or Friday picnic and refreshments throughout, full access to the ASE Summer Celebration Exhibition, CPD Record.
Non-Member Day Delegate rate	£200			£300	
Please note that Thu/Fri is a 2 day non residential option					

Job title/Position

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