

Forthcoming events

Throughout 2006

Europe-wide

Competition: Marine photography

By sharing the enthusiasm of scientific discovery and the beauty of the sea, Marine Genomics Europe wishes to raise awareness among European citizens of the value of science and the need to protect our marine heritage. In a photography competition, underwater images will be publicly exhibited during 2006 in a travelling exhibition at aquaria, museums and schools. Schools, science museums and others are invited to host the exhibition.

More information:

www.marine-genomics-europe.org

Contact: Michele Barbier

(barbier@sb-roscoff.fr)

3-6 January 2007

Birmingham, UK

Conference: The Association for Science Education (ASE) annual conference

Science teachers and technicians are invited to explore, debate and discover what is important to them in the world of science education in over 350 lectures and workshops. Highlights include:

- Lectures on teaching and learning
- Cutting-edge science
- Hands-on practicals to use in the classroom
- A commercial exhibition of resources for making science accessible to young people.

More information: www.ase.org.uk

4-6 January 2007

Birmingham University, UK

Workshops: Dynamic Science

Aimed at teachers of 11-16-year-olds, these 90-minute workshops help biology, physics and chemistry teachers to teach science in an earth-science context, making the science relevant to the world around us, our environment and our lives. Workshops are relevant to teachers in all countries. The workshops are led by science educators from the Earth Science Education Unit and will take place within the Association of Science Education (ASE) annual conference.

More information:

www.earthscienceeducation.com

Contact: eseu@keele.ac.uk

14 March 2007

Keele, UK

Training course: Motivating the Disaffected in Science

This new course views learning from the pupils' perspective and seeks engaging solutions to motivate and inspire adolescents to succeed in science. Pop culture, movies and games can all be applied in new teaching and learning approaches. This course will share outcomes from classroom-trialled activities and recent research findings to provide participants with immediate ideas for the classroom.

More information: www.slcs.ac.uk/wm

Contact: enquiries@slcwm.keele.ac.uk

19 March 2007

Warwickshire, UK

Training course: Learning Skills in Science

This training course aims to:

- Enhance learning skills for science among secondary school students
- Provide teachers with resources that can be easily integrated into a variety of scientific subjects
- Design flexible teaching and learning tasks suitable for different levels of students and a variety of learning styles.

More information: www.slcs.ac.uk/wm

Contact: enquiries@slcwm.keele.ac.uk

20 March 2007

Worcestershire, UK

Training course: Learning Skills in Science

This training course aims to:

- Enhance learning skills for science among secondary school students
- Provide teachers with resources that can be easily integrated into a variety of scientific subjects
- Design flexible teaching and learning tasks suitable for different levels of students and a variety of learning styles.

More information: www.slcs.ac.uk/wm

Contact: enquiries@slcwm.keele.ac.uk

Until 30 March 2007

Europe-wide

Competition: Marine Biodiversity

To celebrate Biodiversity Day, MarBEF (Marine Biodiversity and

Ecosystem Functioning) are launching a competition for European children and adults to capture marine biodiversity by:

- Drawing a picture
- Designing a mascot
- Taking a photograph.

Winners will receive prizes of value up to €100, and their entries may be published online and in the MarBEF newsletter, which is delivered to almost 1000 scientists across Europe.

More information:

www.marbef.org/outreach/kids/competition.php

Contact: Chris Emblow
(cemblow@ecoserve.ie)

2-6 April 2007

European Synchrotron Radiation Facility, Grenoble, France
Science teaching festival: Science on Stage 2

The Science on Stage programme offers European science teachers the chance to exchange successful and innovative teaching methods and materials. The goal is to strengthen the awareness and interest of young people in science and technology by increasing the attractiveness of science lessons through the promotion of exciting ideas.

Competitions, workshops and events organised by national steering committees will take place in 30 participating European countries in 2006. These activities will raise awareness of best practices in science teaching and identify exceptional teaching projects and outstanding educators in each country.

At the European science teaching festival at the European Synchrotron Radiation Facility in Grenoble, France, from 2-6 April 2007, 500 teachers from 30 countries are expected to take part. The event will showcase the very best of today's science education and serve as a discussion forum for relevant topics.

European teachers can apply through their national steering committees to

take part in their countries' activities. The best proposals will be selected for the international festival. Proposals can be for workshops, displays at the teaching fair or on-stage activities, such as presentations or performances. The national webpages and contact points can be accessed from the European Science on Stage project website.

Science on Stage is organised by EIROforum (a collaboration between seven European inter-governmental scientific research organisations), who also publish *Science in School*. It is part of the NUCLEUS project supported by the European Union. Science on Stage is also supported by the European Physical Society and the European Association for Astronomy Education.

More information:

www.scienceonstage.net

Contact: Physics.on.Stage@esa.int

26-31 August 2007

Opatija, Croatia
Conference: GIREP-EPEC: Frontiers of Physics Education

For the first time, the GIREP (International Research Group on Physics Teaching) Seminar is organised as a joint event with European Physics Education Conference (EPEC). While GIREP traditionally gathers experts and practitioners in educational physics, EPEC is a young conference organised by the European Physical Society, which attracts the top physicists in Europe.

The joint conference will bring together physics teachers from schools and universities across the European continent, encouraging dialogue and the exchange of best practice in physics education. Teachers are invited to join this conference. (Theme to be arranged, the working language will be English.)

More information: www.ffri.hr/GE2

Contact: ge2@ffri.hr

Until 30 November 2007

Italy, Austria and Switzerland
Competition: Junge Forscher gesucht! – Giovani ricercatori cercansi! (Wanted: young researchers!)

In this search for talented young researchers, young people are required to develop scientific projects on many topics, including art and music. Regional finalists, selected on the basis of a report they submit, present their project to an international jury and the public. Prizes of €1500-3000 are awarded.

The competition is open people aged 16-20, living in South Tyrol (Italy), Trentino (Italy), Tyrol (Austria) or Grisons (Switzerland), and is held in the regional languages German and Italian.

To enter the next competition, register before 30 November 2007. The final event will take place in March 2008 at the University of Innsbruck, Austria.

More information: www.explorascience.net/wettbewerb

Throughout 2007

Schullabor Novartis, Basel, Switzerland

Workshop: 'Gentechnik Erleben' (Experience Genetic Engineering)

These workshops focus on practical laboratory work, but background information is given for all experiments. Students isolate plasmid DNA from bacterial cultures and digest it with restriction enzymes. The resulting DNA fragments are separated and visualised by gel electrophoresis. Students should already have the necessary theoretical background and be over 17 years of age. The workshops are free, are run in German or English (on request) and have a maximum of 20 participants.

More information: www.schullabor.ch

Contact: gesche.standke@novartis.com

Throughout 2007

10 locations around the UK

Training courses: Science Continuing Professional Development

The national network of Science Learning Centres, set up by the UK Department for Education and Skills and the Wellcome Trust, provides continuing professional education for everyone involved in UK science education, at all levels. With nine regional centres and a national centre in York, access to innovative and inspiring courses is within reach across the UK. The centres not only deliver hundreds of courses, but also act as a focus for all the science learning activities in their region.

More information:

www.sciencelearningcentres.org.uk

Contact: enquiries@national.slcs.ac.uk

Throughout 2007

Pembrokeshire, Wales, UK

Field trip: Rockpools

The Pembrokeshire Darwin Science Festival invites all primary schools in Pembrokeshire to book a rockpool ramble and identification field trip. The course is aimed at Key Stage 2 pupils (ages 8-11), takes half a day and is led by three qualified marine scientists. Cost: £250 with a bus or £170 without a bus. Maximum 30 children.

More information:

Pembrokeshire Darwin Science Festival

Contact: *Marten Lewis*

(M.B.Lewis@pembrokeshire.ac.uk)

Throughout 2007

Pembrokeshire, Wales, UK

Workshops: Primary school

The Pembrokeshire Darwin Science Festival offers a double workshop visit for a maximum of 30 Key Stage 2 pupils (ages 8-11) and costs £200 for half a day. The group is split into two workshops, which run simultaneously:

- Plankton / microscopy identification workshop
- Energy workshop using dynamos, solar panels and a steam engine as hands-on props.

Also available are three 90-minute workshops, each for a maximum of 20 pupils and costing £120:

- Oil-spill workshop for Key Stage 2 pupils (ages 8-11)
- Climate change workshop for Key Stage 2 pupils (ages 8-11)
- Marine litter workshop for Key Stage 1 pupils (ages 4-7)

More information:

Pembrokeshire Darwin Science Festival

Contact: *Marten Lewis*

(M.B.Lewis@pembrokeshire.ac.uk)

If you organise events or competitions that would be of interest to European science teachers and would like to see them mentioned in Science in School, please email details, including date, location, title, abstract, website and contact email address to editor@scienceinschool.org

For a frequently updated list of forthcoming events, see the Science in School website: www.scienceinschool.org

