



Liberty
Stadium,
Swansea



THE FUTURE IS NOW
DIGITAL GENERATION
The Big
Bang
Wales



28th
June
2012



The Big Bang Cymru - a national celebration of Science, Technology, Engineering and Maths in Wales.

Will your students experience the buzz and excitement of Wales' premier STEM event for students from 8yrs old – 18yrs old?

The Big Bang Cymru provides:

- A national event for schools and colleges to showcase their best 11-18 yr old student's STEM projects
- Engaging workshops, interactive stands and STEM shows to capture, motivate and enthuse students
- An opportunity to win an array of prizes and a chance to compete at The Big Bang UK: Young Scientists' and Engineers' event in March 2013
- Inspiration for students not yet engaged in STEM

Competitions and Prizes:

The National Science & Engineering Competition

The National Science & Engineering Competition seeks to showcase and reward the best student projects from every area of science, technology, engineering and maths (STEM). It is open to all 11-18 year olds living in the UK. The best entries at The Big Bang Cymru will be invited to showcase their project at The Big Bang: UK Young Scientists' and Engineers' Fair in March 2013. For more information please visit: www.nationalsciencecompetition.org

STEM Club showcases

We welcome STEM clubs – primary and secondary to showcase their ingenious and inspirational work. STEM clubs may also be invited to showcase their work at The Big Bang: UK in March 2013.

Regional CREST Celebrations

CREST is Britain's largest national award scheme for project work in the STEM subjects (science, technology, engineering and maths) – 25,000 young people have achieved CREST Awards in the last year alone. Regional celebrations of CREST will be held at The Big Bang Cymru. Any student or team of students who have completed a CREST award are also eligible to enter the National Science & Engineering Competition at The Big Bang Cymru.

The Young Engineer for Britain Competition

The Young Engineer for Britain Competition is the UK's biggest opportunity for 11- 19 students (individuals and teams) to showcase their innovative and creative engineering projects and to compete for some amazing prizes. Students may enter projects completed as part of their coursework i.e. GCSE/A Level/Diploma/ BTEC (or equivalents) or that have been done as part of their own activities.

It is free to enter and all types of engineering/technology projects are accepted for this competition. For further information please visit: www.youngeng.org

Other competitions and awards

We are in the process of developing other competitions which will include themes: Digital Wales and Energy Efficiency and Emissions. Students will have the opportunity to develop, design and produce products and enter the National Science & Engineering competition.

Additional awards and prizes will be on offer from sponsors of the event.

Any student/ team attending the event will need to produce a visual display and be able to talk about their project with judges. Exhibition boards, tables and access to the internet are available.

Additionally we will provide an array of activities for schools/ colleges that wish to bring students to visit the event.



To register, please contact:
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