Forthcoming Events

- **Evening Lecture Programme 2014-15. (/Documents/college-eps/physics/schools/lectures-201415-complete.pdf)**
- **Antikythera Mechanism booklet to accompany the talk and exhibition - FREE to download. (/Documents/college-eps/physics/schools/the-am-booklet-2014-corrected-with-isbn.pdf)**
- **Talks and demonstrations out in schools (/schools/physics/outreach/activities/visits-schools.aspx)** - dates and times to suit, involves no cost to your school.
- **Summer School for AS Physics & Maths students (http://www.birmingham.ac.uk/schools/physics/outreach/activities/summer-schools.aspx)**, 8th - 9th July 2015.
- **Particle Physics Masterclasses (http://www.birmingham.ac.uk/schools/physics/outreach/activities/particle-physics-masterclasses.aspx)** - The next events will be 3rd December 2014 and 15th April 2015.
- **Call for Nominations for the Y12 Physics Students of the year 2014-15 (/schools/physics/outreach/activities/year-12-award.aspx)** - We invite teachers to nominate the best Y12 Physics student in their school for an award again in 2014-15; see **letter (/Documents/college-eps/physics/schools/physicist-of-the-year/invite-letter-for-y12-physicist-of-the-year-award-2013-14.pdf)** and **nomination form (/Documents/college-eps/physics/schools/big-quiz/y12-physicist-of-the-year-2013-14-nomination-form.pdf)**. There will be a presentation evening at the University of Birmingham, in the last week of June 2015. Sponsored by the Ogden trust. **Open to all schools & colleges in the Midlands and surrounding areas.**
- **Physics Experience Week (for individual Year 11/10 students) - 29th June to 3rd July 2015. (http://www.birmingham.ac.uk/schools/physics/outreach/activities/physics-experience-week.aspx)**
- **Open Days. (http://www.birmingham.ac.uk/schools/physics/undergraduate/visit-us.aspx)** Next events are to be held on Saturday 13th September and Saturday 18th October 2014.
- **Teacher information/training event for the HiSPARC project** - HiSPARC is a project in which secondary schools and academic institutions join forces and form a network of detectors that measure cosmic rays with extremely high energy. HiSPARC offers students the opportunity to participate in real research with the purpose of finding out more about these mysterious and rare cosmic particles . In 2014-15, we will be organising teacher and student training sessions to include information on how schools can join the project, as well as practical exercises in analysing data from the detectors with the purpose of discovering patterns and locating sources of cosmic rays. Please email **Lynne Long (mailto:l.long@bham.ac.uk)** to book a place.
- **Mini Particle Physics Masterclasses (http://www.birmingham.ac.uk/schools/physics/outreach/activities/particle-physics-masterclasses.aspx)**. For groups of up to 30 A-level students); available Tuesday mornings (3 hours 30 minutes) in schools or on campus by arrangement. The session includes an introductory presentation on the ATLAS detector, training students to identify the different types of events (collisions) and hands-on computer analysis with the aim of identifying particles and calculationg the raity of particular events as well as estimating the mass of the Z boson. The masterclass uses real data from CERN. For more information, please email **Maria Pavlidou (mailto:m.pavlidou@bham.ac.uk)** to discuss possible dates/make a booking.
- **Olympic Project Day (for Year 9 students) - Tuesday 7th July 2015 - ALL DAY.** This event involves teams of students working on specific experiments, collecting data, plotting relevant graphs and drawing conclusins. Each team will present their findings in a poster/presentation session afterward and will be marked on various aspects of their work. **Gold, silver and bronze** plus participation awards will be handed out at the end of the day. Schools are invited to enter up to 6 students in teams of 2. Please email **Lynne Long (mailto:l.long@bham.ac.uk)** to book places/get further information.
- **Theoretical Physics Masterclasses for Y12 students (http://www.birmingham.ac.uk/schools/physics/outreach/activities/theoretical-physics-masterclasses.aspx)**. This half-day activity can be arranged for your students on or off campus - please contact **Lynne Long (mailto:l.long@bham.ac.uk)** for further information. The next scheduled Theoretical Physics Masterclass on campus will be on Wednesday 26th November 2014. To book places for this event, please email **j.patel@bham.ac.uk (mailto:j.patel@bham.ac.uk)**.
- **Free resources 'starter pack' to download and use in the classroom (https://www.ep.ph.bham.ac.uk/twiki/bin/view/General/MinervaExercises)**
- Funding for teacher training events and activities in Europe and opportunities to network with EU teachers can be applied for via the British Council Comenius scheme; **http://www.britishcouncil.org/comenius-how-to-apply.htm (http://www.britishcouncil.org/comenius-how-to-apply.htm)**. For more information about this project please email **l.long@bham.ac.uk (mailto:l.long@bham.ac.uk)**
  (mailto:l.long@bham.ac.uk)
- **Wednesday mini masterclasses programe 2014-15;**

  Wednesday 22nd October 2014 - Hot & Cold Physics Yr 10

  Wednesday 26th November 2014 - Theoretical Physics "Thinking like a Theorist" Yr 12

  Wednesday 3rd December 2014 - Particle Physics Ideas - Yr 12

  Wednesday 11th February 2015 - Light & Sound - Yr 11

  Wednesday 4th March 2015 - Rocket Science - Yr 8

  Please email **j.e.patel@bham.ac.uk (mailto:j.e.patel@bham.ac.uk)** to book places on these events.

Previously...

Archive of reports and photos from past events (/schools/physics/outreach/events/events-reports.aspx).

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