

Outreach and Schools Liaison

Welcome to our Schools Liaison web pages

We very much value our contacts with teachers and students in schools and colleges and are continually developing links, activities and resources which we hope will enrich the school curriculum and support Physics Education.



We organise activities for students and teachers visiting the University and also take activities out into schools and colleges. At a variety of levels, we aim to give insights into current research, explain degree and career options and generally enthuse the next generation to study more Physics!

To get an idea of the variety of events, please click on [our calendar for 2013-14 \(PDF\) \(/Documents/college-eps/physics/schools/schools-liaison-calendar-201314-for-web.pdf\)](#), our visits into schools lists or read more detail about activities and resources by clicking on the links below.

If you would like more information or would like to chat about involving you or your students in any events, please don't hesitate to contact [Lynne Long, our Schools Liaison Officer \(/schools/physics/outreach/contact-us.aspx\)](#) - we look forward to making links with you and your school or college!

Activities

- [Open Days \(/schools/physics/undergraduate/visit-us.aspx\)](#)
- Expert Lecture Series - Physics
- [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. \(/Documents/college-eps/physics/schools/the-am-booklet-2014-corrected-with-isbn.pdf\)](#)
- [Visits out to schools & colleges \(/schools/physics/outreach/activities/visits-schools.aspx\)](#) - including [specialist expert talks for physics classes in schools \(PDF\) \(/Documents/college-eps/physics/schools/specialist-talks-for-physics-classes-in-schools-updated-aug-2013.pdf\)](#)
- [Teacher conferences & Seminars \(/schools/physics/outreach/activities/teacher-events.aspx\)](#)
- [Work experience and school visits to the department \(/schools/physics/outreach/activities/work-experience.aspx\)](#)
- [Masterclasses \(/schools/physics/outreach/activities/masterclasses.aspx\)](#)
- [Summer School for AS Physics students \(/schools/physics/outreach/activities/summer-schools.aspx\)](#)
- [Physics Experience Week for Year 11/10 students. \(/schools/physics/outreach/activities/physics-experience-week.aspx\)](#)
- [Y9 annual Physics BIG QUIZ \(/schools/physics/outreach/activities/Y9-physics-big-quiz.aspx\)](#)
- [Particle Physics cascade competitions \(/schools/physics/outreach/activities/cascade-competitions.aspx\)](#)
- [Y12 Physicists of the Year awards \(/schools/physics/outreach/activities/year-12-award.aspx\)](#)
- [SKYPE links in the classroom - "Ask a researcher" sessions to enhance your lessons \(/schools/physics/outreach/events/ask-a-researcher.aspx\)](#)
- **HiSparc project** - a scheme where schools and students can work with researchers to collaborate in real research. The project is a study of cosmic rays as detected by particle detectors installed at schools. Once the detector is installed, students guided by teachers will access the cosmic ray data using a computer. The detector is provided by the HiSparc collaboration in the Netherlands and arrives as a DIY kit that will be assembled and placed on the school's roof, with advice and help from the HiSparc collaborators and researchers here on campus. More [information here \(/Documents/college-eps/physics/schools/intro-to-hispac-project-slides.pdf\)](#). If you are interested in taking part in this initiative, please e-mail [Lynne Long \(mailto:l.long@bham.ac.uk\)](mailto:l.long@bham.ac.uk) for further details.

Previous events and activities

[Follow this link for an archive of past events \(/schools/physics/outreach/events/events-reports.aspx\)](#).

Schools Liaison

[Join the Physics Teacher's Mailing List. \(http://www.birmingham.ac.uk/schools/physics/outreach/teachers-mailing-list.aspx\)](http://www.birmingham.ac.uk/schools/physics/outreach/teachers-mailing-list.aspx)

[West Midlands Chemistry teachers Centre \(http://www.wmctc.co.uk/\)](http://www.wmctc.co.uk/).

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