

Liaison visits to Schools

Our **Schools Liaison Officer** (</schools/physics/outreach/contact-us.aspx>) - formerly an experienced A Level Physics teacher in schools and colleges - makes visits into schools both locally and further afield to:

- Give a general overview of current research in a variety of fields and build on Physics knowledge gained via current A Level and GCSE syllabi
- Give an overview of the diversity of employment offered to Physics graduates
- Answer questions on undergraduate Physics courses and admissions procedures

There is no cost to the school for these visits and they can be timed to fit into school timetabling; [this flyer gives more information \(/Documents/college-eps/physics/schools/Advertisingpresentationtalks2006.pdf\)](/Documents/college-eps/physics/schools/Advertisingpresentationtalks2006.pdf).

- [School visit calendar 2013-2014\(PDF\) \(/Documents/college-eps/physics/schools/schools-visits-201314.pdf\)](/Documents/college-eps/physics/schools/schools-visits-201314.pdf)
- [School visit calendar 2012-2013\(PDF\) \(/Documents/college-eps/physics/schools/schools-visit-calendar-september-2012-august-2013.pdf\)](/Documents/college-eps/physics/schools/schools-visit-calendar-september-2012-august-2013.pdf)
- [School visit calendar 2011-2012 \(PDF\) \(/Documents/college-eps/school-visits-calendar-sept-2011-to-aug-2012.pdf\)](/Documents/college-eps/school-visits-calendar-sept-2011-to-aug-2012.pdf)
- [School visit calendar 2010-2011 \(PDF\) \(/Documents/college-eps/physics/schools/calendar-of-school-visits-sept-2010-july-2011.pdf\)](/Documents/college-eps/physics/schools/calendar-of-school-visits-sept-2010-july-2011.pdf)
- [School visit calendar 2009-2010 \(PDF\) \(/Documents/college-eps/physics/schools/school-visits-calendar-2009-2010.pdf\)](/Documents/college-eps/physics/schools/school-visits-calendar-2009-2010.pdf)
- [School visit calendar 2008-2009 \(PDF\) \(/Documents/college-eps/physics/schools/school-visits-calendar-september-2008-July-2009.pdf\)](/Documents/college-eps/physics/schools/school-visits-calendar-september-2008-July-2009.pdf)
- [School visit request form \(PDF\) \(/Documents/college-eps/physics/schools/visit-request-form.pdf\)](/Documents/college-eps/physics/schools/visit-request-form.pdf)
- [Comments from teachers & students \(/schools/physics/outreach/activities/comments-teachers-students.aspx\)](/schools/physics/outreach/activities/comments-teachers-students.aspx)

Research experts at the University make occasional visits to schools / local centres to:

- Give lectures and demonstrations
- Run Q & A sessions on particular topics in Physics relevant to syllabi or of general public interest

See flyer and [synopses \(/Documents/college-eps/physics/schools/specialist-talks-for-physics-classes-in-schools-updated-aug-2013.pdf\)](/Documents/college-eps/physics/schools/specialist-talks-for-physics-classes-in-schools-updated-aug-2013.pdf) of talks available

- [Visit calendar 2013-2014\(PDF\) \(/Documents/college-eps/physics/schools/specialist-speaker-visits-to-schools-and-public-talks-sept-2013-aug-2014.pdf\)](/Documents/college-eps/physics/schools/specialist-speaker-visits-to-schools-and-public-talks-sept-2013-aug-2014.pdf)
- [Visit calendar 2012-2013 \(PDF\) \(/Documents/college-eps/physics/schools/specialist-talks-sept-2012-aug-2013.pdf\)](/Documents/college-eps/physics/schools/specialist-talks-sept-2012-aug-2013.pdf)
- [Visit calendar 2010-2011 \(PDF\) \(/Documents/college-eps/specialist-speaker-visits-to-schools-sept-2010-july-2011.pdf\)](/Documents/college-eps/specialist-speaker-visits-to-schools-sept-2010-july-2011.pdf)
- [Visit calendar 2009-2010 \(PDF\) \(/Documents/college-eps/physics/schools/2009-10-visits-specialist-schools-visits.pdf\)](/Documents/college-eps/physics/schools/2009-10-visits-specialist-schools-visits.pdf)
- [Visit calendar 2008-2009 \(PDF\) \(/Documents/college-eps/physics/schools/Specialistvisitsummary2008-9.pdf\)](/Documents/college-eps/physics/schools/Specialistvisitsummary2008-9.pdf)

We are also able to offer a limited number of "Physics Hot and Cold" talks which can be adapted for various age groups in schools and include liquid Nitrogen demonstrations. The talk can be given by the Schools Liaison Officer or by enthusiastic Post Graduate students.

See [flyer \(/Documents/college-eps/physics/schools/Hotcoldflyer08.pdf\)](/Documents/college-eps/physics/schools/Hotcoldflyer08.pdf)

See link to [Condensed matter Outreach pages \(http://www.cm.ph.bham.ac.uk/\)](http://www.cm.ph.bham.ac.uk/).

Dr John Wilson and other members of the particle physics group also visit schools to demonstrate their spark chamber and talk of their research. The spark chamber shows clearly the tracks of charged particles - in this case, mainly cosmic ray muons from outer space. An informal, flexible talk on particle physics is then based around the demonstration.

See

- [Visit calendar 2013-2014 \(PDF\) \(/Documents/college-eps/physics/schools/spark-chamber-visits-201314.pdf\)](/Documents/college-eps/physics/schools/spark-chamber-visits-201314.pdf)
- [Visit calendar 2012-2013 \(PDF\) \(/Documents/college-eps/physics/schools/Spark-Chamber-Visits-2012-13.pdf\)](/Documents/college-eps/physics/schools/Spark-Chamber-Visits-2012-13.pdf)
- [Visit calendar 2011-2012 \(PDF\) \(/Documents/college-eps/physics/schools/spark-chamber-visits-2011-12.pdf\)](/Documents/college-eps/physics/schools/spark-chamber-visits-2011-12.pdf)
- [Visit calendar 2010-2011 \(PDF\) \(/Documents/college-eps/spark-chamber-talks-in-schools-2010-11.pdf\)](/Documents/college-eps/spark-chamber-talks-in-schools-2010-11.pdf)
- [Visit calendar 2009-2010 \(PDF\) \(/Documents/college-eps/physics/schools/2009-10-visits-John-Wilson.pdf\)](/Documents/college-eps/physics/schools/2009-10-visits-John-Wilson.pdf)
- [Visit calendar 2008-2009 \(PDF\) \(/Documents/college-eps/physics/schools/JohnWilsonVisits2008-9.pdf\)](/Documents/college-eps/physics/schools/JohnWilsonVisits2008-9.pdf)

Current University students both at postgraduate and undergraduate levels spend time in schools, teaching selected topics and helping pupils develop project work.

If you or your pupils would be interested in any of these activities or would like more details, please [contact the Schools Liaison Officer \(/schools/physics/outreach/contact-us.aspx\)](/schools/physics/outreach/contact-us.aspx).