

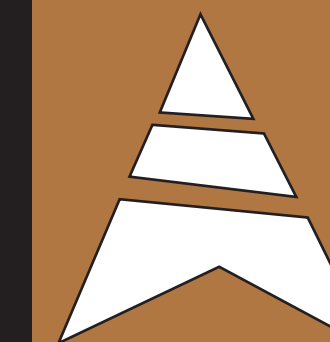




# EXPLORING PHYSICS

An overnight conference for Year 12 and 13 students

to be held at  
**The University of Nottingham**  
 on  
**17th-18th December 2009**



THE WORKSHOP • PO Box 40 • Loughborough • LE11 1PT

Tel: 01509 233133/235879 Fax: 01509 218808

exploringphysics@workshop-uk.info

www.workshop-uk.com

### The Conference: Exploring Physics

This conference will bring students into contact with some of the most exciting and significant developments in modern physics. Through a range of stimulating presentations and laboratory practicals and demonstrations, students will have the opportunity to share the excitement and challenge of physics in the 21st century with physicists and scientists who are actively engaged in widening our understanding of the universe, from the fundamental particles to super-massive black holes. Those attending can expect to be informed and motivated by the experience.

### Pre-Conference

Go to the online notice board accessed via The Workshop site at [www.workshop-uk.com](http://www.workshop-uk.com), arrange lifts and make friends BEFORE you arrive at the conference.

### Presentations:

- Fundamental Particles and the Large Hadron Collider
- Black Holes
- Astronomy
- Nanotechnology
- Imaging the Body
- Cold Atoms: Quantum Physics and Refrigerators made from Light
- Physics by Degree
- Careers in Physics
- Your Physics Exam
- Practicals in the University Labs
- The Tour (Optional)

**Location:** University of Nottingham

**Dates:** 17th-18th December 2009

**Price:** £60.00

**Ents:** A chance to socialise with those who may become your fellow students. Please view the website nearer the event.

**Contact:** Exploring Physics, PO Box 40, Loughborough LE11 1PT

**E-mail:** [exploringphysics@workshop-uk.info](mailto:exploringphysics@workshop-uk.info)

**Tel:** 01509 233133/235879

**Fax:** 01509 218808

**Visit:** [www.workshop-uk.com](http://www.workshop-uk.com) for FAQ, on-line booking, download application form etc.

### Dates and Location

**Thursday and Friday 17th and 18th December 2009** at the University of Nottingham, with overnight accommodation in one of the University's halls of residence.

### Fees

The conference fee is £60.00 per person (inc VAT @ 15%) which includes bed and breakfast accommodation. Dinner will cost between £4–£6. Teachers bringing students may attend at a reduced fee of £25.00, as it will be assumed that they will be responsible for their own students and a teacher supervising 10 or more students may attend free. Note: students do not need to be accompanied by a teacher.

### Applications

The conference is open to students who will be 16 by the start of the conference. Please use the enclosed booking form, which MUST be accompanied by full payment (cheques payable to "THE WORKSHOP"). Registration details, campus plan and an information leaflet for parents/guardians, will be sent with the acknowledgement of booking usually within 3 weeks of receipt. If details have not been received by 7 working days before the start of the conference please contact us immediately, so that duplicate information can be mailed in good time to make travel arrangements. Please note that places are limited: should all places be filled, fees will be returned in full, but a reserve list will be held in anticipation of late cancellations. Invoices will only be issued to institutions on receipt of a purchase order. Bookings will not be considered confirmed until full payment is made and registration details will not be mailed until payment is received. Delegates over 21 years may attend, but will be accommodated separately: please indicate on the booking form. It is possible to book online for instant confirmation, for individuals and groups.

### Cancellations

Cancellations must be in writing. We regret refunds cannot be made for cancellations received within 21 days of the start of the conference. A deduction of £5 per person per night will be made for cancellations received before this. Travel to the venue is not included and refunds cannot be made for failure to attend due to travel difficulties.

### Registrations

Registration will be between 10am and 12 noon. **Please check your travel times** and contact us if you cannot arrive by the start of lectures, as given in your registration details. Please note the conference will end at approximately 1pm (or around 4pm if taking the optional tour of the Physics Department).

### Enquiries

All enquiries should be made to The Workshop conference office and NOT to the host institution. A conference secretary will be available to deal with telephone enquiries Monday to Friday between 9.00am and 5.00pm and there is a 24 hour answerphone service on 01509 233133 or 235879.

*It is possible to book online for instant confirmation, for individuals & groups.*

**Tel:** 01509 233133/235879 • **Fax:** 01509 218808

**email:** [exploringphysics@workshop-uk.info](mailto:exploringphysics@workshop-uk.info)

Would organisers please pass a copy of the booking conditions to the parents of all delegates.

**PLEASE PHOTOCOPY & DISTRIBUTE**

NAME	M/F	*HOME TELEPHONE NO.
1		
2		
3		
4		
5		
6		
7		
8		
*A student's home phone number enables us to contact them during school vacation, should this be necessary, and during conference we may use this as an emergency contact.		
PLEASE INDICATE IF ANY DELEGATE IS OVER 21.		
I have read the terms and conditions of booking and I am making this reservation on behalf of the delegates listed.		
I confirm they will all be 16 years by the first day of conference.		
Signed		
<b>OVER 21</b>		
<b>DEPARTMENTAL TOUR</b>		