

PHYSICS AT WORK 2007

The Physics at Work 2007 Exhibition will be held at the Cavendish Laboratory, Cambridge on

Tuesday 18th September 2007
Wednesday 19th September 2007
Thursday 20th September 2007.

Morning Session: **9:15 – 12:05**
Afternoon Session: **13:15 – 16:05**

The primary aim of this exhibition is to stimulate interest and encourage wider participation in physics amongst 14-16 year olds by showcasing the many and varied ways in which physics is used in the real everyday world.

The exhibition is based upon interaction between active scientific researchers and potential scientists. This will help to spread the excitement of modern physics research to students who will soon be making career and examination choices, and is a vital component in encouraging the next generation of scientists.

This will be the twentieth-third Physics at Work Exhibition in Cambridge. This annual event is extremely popular with schools, with the 2000 available places for students fully booked within a couple of weeks of the invitations being sent out.

The format for Physics at Work 2007 will be the same as that of previous Physics at Work

exhibitions. Each school group will be split into small groups when they attend the exhibition, and each small group must be accompanied by a member of staff. Ideally, each small group will contain 15 students and one member of staff. Each small group will be allocated a route to follow around the Cavendish Laboratory visiting six different exhibits based on interactive demonstrations of practical applications of physics. They will spend 15-20 minutes at each of the exhibits that they visit, allowing sufficient time for participation in the demonstration, additional questions, and transfer from one exhibit to the next.

A hard-copy booklet of information to accompany each of the exhibits will be published and given to each student that visits the exhibition. An on-line version of the booklet will also be available.

If you would like to share this experience with a group of your students please complete the attached reply slip and return it to me NOW. Please note that general bookings will open on Tuesday 15th May 2007 and that as we get a big response, availability of places may soon become restricted.

The organisers regret that it may be necessary to make a charge of £5 per head where groups fail to arrive without notice, cancel after 1st week in September or where the numbers attending fall significantly short of the number requested



REPLY SLIP

Requested Booking:

Date 18th 19th 20th

Time am pm

Total number of students _____

Preferred number of groups _____

School Contact _____

School Name: _____

School Address: _____

School Phone No. _____

E-mail contact: _____

LAST DATE FOR BOOKINGS:
Tuesday 19th June 2007

(But please be aware we are usually booked up well in advance of this date)

Dr Lisa Jardine-Wright
Educational Outreach Officer
University of Cambridge
Department of Physics
Cavendish Laboratory
Madingley Road
Cambridge
CB3 0HE

Exhibitors will include, amongst others:

- British Antarctic Survey
- Epson UK
- Cambridge Ultrasonics
- Cavendish Laboratory
- Chemical Engineering Department
- Material Science Department
- Domino Printing Services
- Ford Motor Company Ltd.
- Stansted Airport
- The Technology Partnership
- Kodak Ltd

It is hoped that there will be about 20 exhibitors in total, as usual.

Organised by:

Dr. Lisa Jardine-Wright
Tel: (01223 333318)
Email: outreach@phy.cam.ac.uk

Sessions:

Morning: 09.15 – 12.15
Afternoon: 13.15 – 16.15

<http://www-outreach.phy.cam.ac.uk/>



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**THE CAMBRIDGE PHYSICS
CENTRE**

present the

**2007
PHYSICS AT WORK EXHIBITION**

at the Cavendish Laboratory,
Madingley Road, Cambridge

On

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