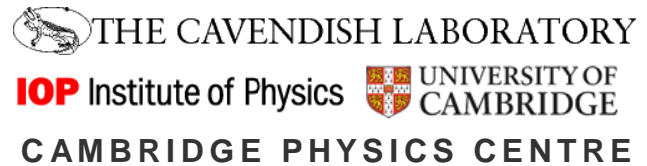


# PHYSICS AT WORK EXHIBITION

in association with



Jacob Butler  
Assistant Educational  
Outreach Officer  
Cavendish Laboratory  
J J Thomson Avenue  
Off Madingley Road  
Cambridge, CB3 0HE

18 March 2016

## Physics at Work 2016

Dear Potential Exhibitor,

As the assistant educational outreach officer for the Department of Physics at Cambridge University, I am writing to invite you to contribute to the Physics at Work 2016 Exhibition. This will be held at the Cavendish Laboratory, Cambridge on **Tuesday 21<sup>st</sup>, Wednesday 22<sup>nd</sup> and Thursday 23<sup>rd</sup> September 2016**. The primary aim of this exhibition is to stimulate interest and encourage wider participation in physics amongst 14- to 16-year-olds by showcasing the many and varied ways in which physics is used in the real world.

This will be the 32<sup>nd</sup> annual Physics at Work Exhibition in Cambridge. The event is extremely popular with schools; the 2500 places for students are usually fully booked within a couple of weeks of invitations being sent out. Whilst the three days of the exhibition can be hard work, it is also tremendously satisfying and there is something to be gained by all who take part. Helping to spread the excitement of modern physics research to students, who will soon be making career and examination choices, is a vital component in encouraging the next generation of scientists.

The format for Physics at Work 2016 will be the same as that of previous years' exhibitions. Approximately 25 exhibitors will give interactive demonstrations of practical applications of physics that are accessible to the target audience. Each demonstration will be given a number of times over the three day period to small groups of around 12 students, plus one teacher. The groups will spend 15-20 minutes at each of the exhibits that they visit, so the demonstrations should ideally last for 10-15 minutes, leaving the remaining time for participation and questions.


Traditionally, a hard-copy booklet of information to accompany each of the exhibits is published and given to each student that visits the exhibition. An on-line version of the booklet is also created, and examples of exhibit information from Physics at Work 2015 exhibition can be accessed at:

<http://outreach.phy.cam.ac.uk/programme/physicsatwork/booklet2015/view>

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**IOP** Institute of Physics  UNIVERSITY OF  
CAMBRIDGE

**CAMBRIDGE PHYSICS CENTRE**

Please let me know if you are willing and able to exhibit at the Physics at Work 2016 exhibition by completing the enclosed reply slip and returning it to me as soon as possible, preferably by **Friday 1<sup>st</sup> April 2016**.

Assistance with sponsorship, either in cash or in kind, would also be very gratefully received. The total costs of the exhibition amount to £6000, including publishing the hard-copy booklet, refreshments for exhibitors and visitors, and administrative costs.

Please do not hesitate to contact me if you have any comments, questions or suggestions, or require further details. I do hope that you will be able to contribute to Physics at Work 2016 and look forward to hearing from you soon.


Best regards,

Jacob B. Butler  
Assistant Educational Outreach Officer  
**Email:** outreach@phy.cam.ac.uk  
**Telephone:** (01223) 333 318

# PHYSICS AT WORK EXHIBITION

in association with



**IOP** Institute of Physics  UNIVERSITY OF CAMBRIDGE

CAMBRIDGE PHYSICS CENTRE

## Physics at Work 2016: Reply Slip

\* Please delete as appropriate

\* **I would like** to contribute to the Physics at Work Exhibition, to be held at the Cavendish Laboratory, Cambridge on **Tuesday 21<sup>st</sup>, Wednesday 22<sup>nd</sup> and Thursday 23<sup>rd</sup> September 2016.**

\* **I am unable** to contribute to the Physics at Work Exhibition to be held at the Cavendish Laboratory, Cambridge on **Tuesday 21<sup>st</sup>, Wednesday 22<sup>nd</sup> and Thursday 23<sup>rd</sup> September 2016**, but I would like to contribute to the Educational Outreach activities of the Cavendish Laboratory in the future.

Contact details:  <b>Tel:</b> <b>Email:</b>	Please indicate any changes to contact details here:
Title of your demonstration:	
Brief summary of intended demonstration content:	
Any facilities required in your demonstration area:	

Please remember that the students are normally 14-16 years old and that their knowledge of formal science is not well developed.

Please complete this reply slip and return it to:

**Jacob Butler,**  
**Assistant Educational Outreach Officer,**  
**Cavendish Laboratory,**  
**J J Thomson Avenue,**  
**Off Madingley Road,**  
**Cambridge, CB3 0HE**

As soon as possible, preferably by **Friday 1<sup>st</sup> April 2016**. Please do not hesitate to get in touch (tel: 01223 333318, e-mail: [outreach@phy.cam.ac.uk](mailto:outreach@phy.cam.ac.uk)) if you have any comments, questions or suggestions or require any further details.