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Isaac Physics Events



UNIVERSITY OF
CAMBRIDGE



Teachers CPD Event

Want to...

- ✓ be part of a **nationwide network** running problem solving workshops for students?
- ✓ better prepare your students for physics, engineering and maths courses at top Universities?
- ✓ work on **solving challenging physics problems** in time for the new A-levels?



When: Saturday 28th February 2015



Where: Northumbria University, Newcastle upon Tyne, NE1 8ST
<https://www.northumbria.ac.uk/>



Who: Teachers of A Level Physics &
Teachers of A Level Mathematics– Mechanics Modules.



Cost: Free (accommodation & travel expenses covered*)

**One night accommodation (Friday 27th only) & relevant travel expenses only can be reimbursed*

The Isaac Physics Partnership is a new five-year project funded by the Department of Education (DfE) aimed at developing the skills of sixth-form physicists:



For more information
please contact
Mr David Taylor:

events@isaacphysics.org

isaacphysics.org

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Vectors & Exponentials:

This free CPD workshop aims to:

- work through challenging physics problems on the topic of vectors and exponentials, developing your own confidence and problem solving skills
- introduce more advanced arithmetic involving vectors that can be used to stretch, challenge and inspire enthusiastic and capable students
- illustrate the ideas introduced in vectors with a fun/interactive chain lecture
- introduce the project and explain how you can become a Partner Teacher
- provide advice on helping students with University course choices and admissions

Saturday 28th February 2015

09.00 Arrive (tea & coffee)

09.15 Hub Schools & Events

10.15 Subject Workshop: Problem Solving Skills

11.15 Break

11.30 Using isaacphysics.org in your teaching

12.30 Lunch

13.30 Subject Workshop: Problem Solving Skills

14.30 Break

14.45 Physics at University & Admissions

15.15 Review / Feedback

15.30 Physics Chain Lecture (*optional*)

Registration

To book a place on the workshop, please email events@isaacphysics.org with the following details: **Full Name / Job Title / School Name & Address / Email Address (for registration confirmation) Phone Number / Accessibility / Dietary Requirements**

The Isaac Physics Partnership is a national project funded by the Department for Education & run by the University of Cambridge. It aims to build skills for all physics & maths students to prepare them for higher physics, engineering, maths and related subjects (e.g. chemistry).

isaacphysics.org