

PHYSICS MASTER CLASSES LANCASTER 2015-16 Y12 AND Y13 STUDENTS

Physics

Lancaster
University



The Master Classes include:

- Talks from our researchers on up to date developments.
- Hands on laboratory sessions in the first year lab demonstrated by our post graduate students.
- Small group sizes which encourage a relaxed and supportive atmosphere.
- All master classes are based on the A level specification.

Benefits include:

- Working in a university environment for a full day.
- Enhances your understanding of A level concepts and extends your knowledge.
- Promotes an interest in Physics and informs you if you would like to continue to study Physics at University.
- No need to come with a teacher, your parent/carer signs the consent form.

Master Class Topics:

- Physics of Particle Accelerators: **Wednesday 2nd December 2015 (Y13 only)**
- Particle Physics: **Wednesday 10th February 2016 (Y12)**
- Astrophysics/Cosmology: **Wednesday 2nd March 2016 (Y12 and 13)**
- Turning points in Physics: **(AQA option): Wednesday 23rd March 2016 (Y13 only)**
- Low Temperature Physics: **Wednesday 30th March 2016 (Y12 and Y13)**

**LAST YEAR 97% OF PARTICIPANTS RATED
THE DAY 5/5 AND 73% LEARNT A LOT**

Contact Phil Furneaux for further details: p.furneaux@lancaster.ac.uk
or visit our webpages on: www.physics.lancs.ac.uk/schools/



What was good about the day...

Lancaster Boys Grammar School:

"Asking teachers and post grads about complex notions or ideas."

"We had a range of topics in physics, the talks were a good length and well presented and demonstrations were good."

"The talks about low temp physics and quantum computing were particularly interesting."

"The demonstrations were very good. The experiments were fun."

