

Public Engagement:

Another long year with lots of activities
with a wide variety.....

This year has also seen the start of of a change
in attitude of the University as a whole towards PE
(committees, PE champions, interest for Impact)

- Local and International Masterclasses
- Particle Day, Discovery Day
- International Cosmic Ray Day
- Several visits to local schools and Public Talks
- Skirting Science
- Neutrino Passoire at Arts&Science Birmingham Festival
- Exhibitions: Brighton Science Festival, Manchester Science Festival, Harwell Open Week
- HiSparc Midlands: started with 2 schools, now 10 schools; annual school conference
Launch event at RAL
- Several CPD events for secondary schools teachers organised by IoP, RCUK, Ogden, Hodder
- ASE conference for teachers
- Release of ATLAS data for public Educational Use

- Particle Physics resources for primary schools, now publicized by Ogden and IoP and presented at ICHEP
- CREATIONS collaborative EU project: Particle for Primary adopted as a project; tested at event at CERN for Greek teachers

Another project on gears/clocks

- MINERVA still very popular
- Cloud and spark chambers, cosmic telescope very popular (cloud chamber filmed by the University)
- Contribution to HiggsHunter, the first Particle zooniverse project - now part of new Research in School Institute
- Extreme Physics Competition - Particle Challenge
- Cascade Project competition has a legacy in Slovakia and France!
- International Physics Outreach group, including contributions to CERN beamline competition



4-10 July 2016

Antimatter Matters - Royal Society Exhibition 2016

14,371 visitors
in total

This is the sixth
consecutive year !!





Legacy :

- Demos
- Stand
- Brochure
- Website

And other resources
that can be reused
in the future

To help with planning for future events, please take a few minutes to answer the questions below. Thanks!

Are you male or female?

- Male
 Female

What age range are you?

- Under 12
 12 to 18
 19 to 29
 30 to 65
 over 65

Have you studied, or are you planning to study, mathematics or physics to A-level?

- Mathematics
 Physics

Did you visit the exhibit *Antimatter Matters* by yourself or with others?

- Unaccompanied
 With family or friends
 With a school group

Which of the following, if any, had you heard about before today?

- Large Hadron Collider
 LHCb experiment
 ALPHA experiment
 PET scanner

How informative did you find *Antimatter Matters*?

- Very informative
 Quite informative
 Not very informative
 Completely uninformative

Has *Antimatter Matters* made you more interested in physics?

- A lot more interested
 Slightly more interested
 No change - was already interested
 No change - remain uninterested

Has *Antimatter Matters* increased your awareness of the variety of scientific careers?

- Increased a lot
 Increased a little
 No increase

If a friend asked you to tell them one thing that you learnt from *Antimatter Matters*, what would you say?

Any other comments?

We would like to contact you in the next few months to ask you a few questions about your experience at *Antimatter Matters*. If you would be happy with us doing this, please give your name and e-mail address and we will be in touch. We will ensure that your details are kept securely, and will not use them for any other purpose. After we have contacted you, we will delete your details, unless you express an interest in hearing from us again in the future. Thank you very much for your help!

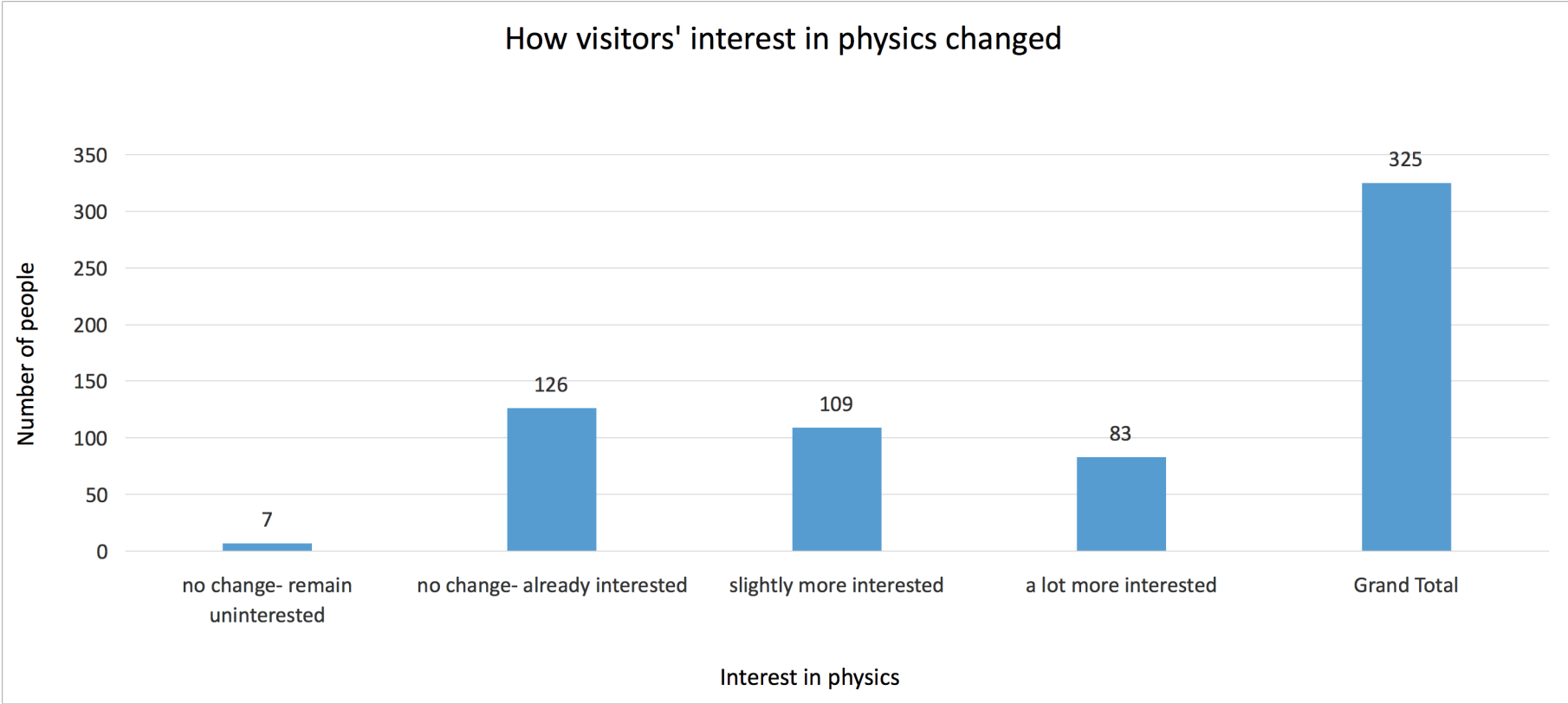
Name

Email



ANTIMATTER
MATTERS

Summer student Julia Dancu: feedback and counting



Data analysis is on-going

a **HUGE Thank You** to everyone involved in PE

PE must be very much a team effort to be sustainable !

Plan to continue most activities, including our presence to national exhibitions and festivals

Summer students Luke Scantlenbury has made a website that makes easier to see the list of future events and volunteer: **don't be shy, it will be fun !**

