

Physics Experience Week 2019

For year 10 and Year 11 High School Students interested in Physics and Astronomy

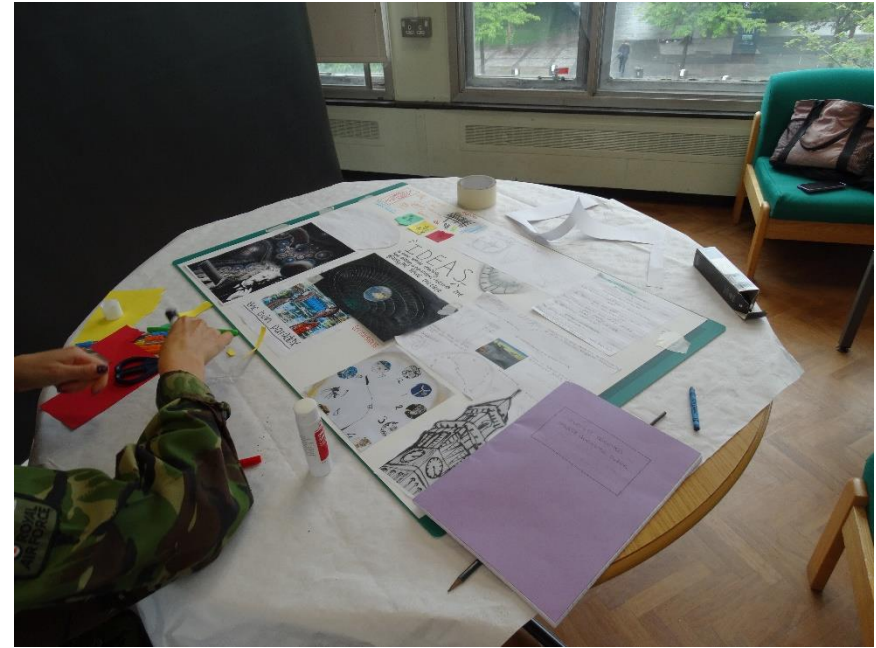
24 June to 28 June 2019

This year, our Physics Experience Week offered the chance to 24 students from various secondary schools to experience life at the University. During our experience week, students had the opportunity to spend a day with different research groups in particle physics, astrophysics, nuclear physics and theoretical physics. This year the programme included a “Creativity in Science” day as well as a “Skills for a Physicist” day. During the week students attended lectures, completed experiments, challenges, quizzes, and many other activities that aimed at improving their thinking, practical and communication skills.

The students had a chance to explore the campus and talk to our physics ambassadors on how it is to be a physics student at the University of Birmingham. At the end of the week students received prizes and awards for their work, presentations and achievements. A big favourite prize was the night sky umbrella together with the Particle Physics ALICE mug!

We would like to thank the artist Mr Ian Andrews (<https://ianandrewsfineart.tumblr.com/>) and the STEM ambassador and Institute of Physics member Mr Ian Kemp (<http://www.ikes.16mb.com/>) for their support and collaboration in this year’s programme.

Creativity in Science Day: students create artistic pieces which express scientific ideas based on Einstein's special and general theory of relativity.



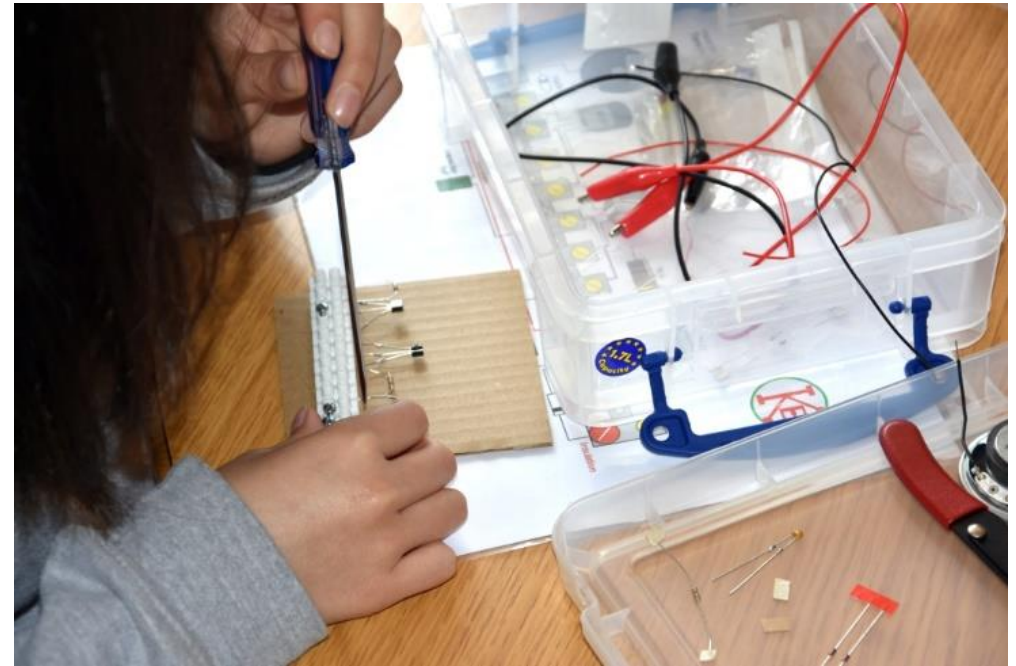
Nuclear Physics Day: a chance to meet and bond with peers, while creating the Segre chart with lego bricks!

Theoretical Physics Day: Another challenge on solving logical problems. The theoretical physics group knows how to challenge you with their puzzles!



Astrophysics Day: a morning in the year 1 labs, investigating exoplanets, atomic spectra and Hubble's law.

Skills Day: a chance to improve your dexterity and circuit building skills with a very noisy squeekie circuit!



... and finally having fun making rockets!

