



PHYSICS EXPERIENCE WEEK – PROGRAMME OF EVENTS

Monday 24th June 2019 to Friday 28th June 2019

Monday 24th June Particle Physics Day	Activity	Venue	Led by
8.50 - 9.00	Registration, sign in	Admissions Area, second floor Poynting Building	Mrs L Rogers
9.00 – 9.30	Welcome & Introduction to the week	Large Lecture Theatre	Dr M Pavlidou, Mrs L Rogers
9.30 - 10.30	Lecture on Particle Physics	Large Lecture Theatre	Prof D Evans
10.30 - 12.30	Detector Workshop I	Bridge Study Room	Prof D Evans, Dr N Watson, Joel Swallow, Lorenza Iacobuzio, Maria Brigida Brunetti, Robert Vallance, Thomas Bache
12.30 – 13.30	Lunch	Bridge Study Room or campus	N/A
13.30-15:30	Detector Workshop II	Bridge Study Room	Prof D Evans, Dr N Watson, Joel Swallow, Lorenza Iacobuzio, Maria Brigida Brunetti, Robert Vallance, Thomas Bache
15.30 – 16.00	Break	Bridge Study Room or campus	N/A
16:00-17:00	Presentations and judging	Bridge Study Room	Prof D Evans, Dr N Watson, Joel Swallow, Lorenza Iacobuzio, Maria Brigida Brunetti, Robert Vallance, Thomas Bache, Dr M Pavlidou
Tuesday 25th June Creativity in Science	Activity	Venue	Led by
8.50 - 9.00	Registration	Admissions Area, second floor	Mrs L Rogers
9.00 – 10.30	Lecture: How Creativity shapes the history and future of scientific innovation	Bridge Study Room	Dr M Pavlidou, Mr I Andrews
10.30 – 12.00	Research on Einstein's Universe - special and general relativity	P09 computer room, Poynting Ground floor	Dr M Pavlidou, Mr I Andrews
12.00 - 13.00	Lunch	Bridge Study	N/A

		Room or campus	
13.00 – 15.30	Conveying Einstein's theory of relativity through art	Bridge Study Room	Dr M Pavlidou, Mr I Andrews
15.30 – 16.00	Break	Bridge Study Room or campus	N/A
16:00 – 17.00	Presentations and discussion	Bridge Study Room	Dr M Pavlidou, Mr I Andrews
Wednesday 26th June Nuclear Physics and Theoretical Physics Day	Activity	Venue	Led by
8.50 - 9.00	Registration	Admissions Area, second floor	Mrs L Rogers
9.00 – 10.00	Lecture on Nuclear Physics	Large Lecture Theatre	Dr C Wheldon
10.00 – 12:00	Nuclear laboratory	R11/Bridge Study Room	Dr C Wheldon, Stuart Pirrie, Anthony Turner, Rebeckah Trinder, Ross Allen and Angus Hollands
12:00-13:00	Lunch	Bridge Study Room or campus	N/A
13:00 – 14:00	Lecture on Theoretical Physics	Large Lecture Theatre	Dr R Smith
14:00 – 15.30	Theoretical Physics Workshop I	Bridge Study Room	Dr R Smith and PG students
15:30 – 16.00	Break	Bridge Study Room or campus	N/A
16.00 – 17.00	Theoretical Physics Workshop II	Bridge Study Room	Dr R Smith and PG students
Thursday 27th June Astrophysics Day	Activity	Venue	Led by
8.50 - 9.00	Registration	Admissions Area, second floor	Mrs L Rogers
9.00 – 11.00	Astronomy lab	upper level of Year 1 Labs – ground floor	Dr M Pavlidou, Ms J Bateman and PG students
11.00 – 12.00	“Ride the wave (with gravity)”	Large Lecture Theatre	Dr D Gerosa
12.00 - 13.00	Lunch	Bridge Study Room or campus	N/A
13.00 – 14.00	Campus Tour with current UG ambassadors	Meet in Coffee Lounge, Second Floor, Poynting Building	UG Physics Ambassadors
14.00 – 14.30	Break	Bridge Study Room or campus	N/A
14.30 – 16.30	Problem solving: special relativity	Nuffield G13	Dr C Moore and PG students

Friday 28th June Skills Day	Activity	Venue	Led by
8.50-9.00	Registration	P09	Dr M Pavlidou
9.00 – 10.00	Problem solving skills: isaac physics	P09	Ms J Bateman, Dr M Pavlidou
10.00 – 12.00	Practical electronic skills	Bridge Study Room	Mr I Kemp, Dr L Gonella, Dr M Pavlidou, Ms J Bateman
12.00 – 13.00	Lunch	Bridge Study Room or campus	N/A
13.00 – 14.00	Lecture on the Antikythera Mechanism	Bridge Study Room	Dr M Pavlidou
14:00 – 16:00	Rocket making & Launching	Bridge Study Room	Dr M Pavlidou, Ms J Bateman
16.00-16.30	Feedback and presentation of awards	Bridge Study Room	Dr M Pavlidou, Ms J Bateman