

Senior Physics Challenge: Programme July 2018

Times	Monday 2nd July	Tuesday 3rd July	Wednesday 4th July	Thursday 5th July	Times		
08:00		Breakfast Churchill College	Breakfast Churchill College	Breakfast Churchill College	08:00		
08:15					08:15		
08:30					08:30		
08:45		Depart for Cavendish Lab	Depart for Cavendish Lab	Depart for Cavendish Lab	08:45		
09:00					09:00		
09:15					09:15		
09:30		Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	09:30		
09:45					09:45		
10:00					10:00		
10:15		<div>Register for your room and for the course at Churchill College Porters' Lodge by 5.30pm (in good time for the dinner): www.chu.cam.ac.uk/our-location/ If you are early, you can deposit your luggage after registering for your room and then spend time looking at the town. Return for registration for the course by 5.30pm.</div>	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	10:15		
10:30	10:30						
10:45	Break		Break	Break	10:45		
11:00	Lab (Pendula) 1A Lab <i>Dr N Humphry-Baker</i>		Diffraction 1B Lab (dark end) <i>Dr. L Jardine-Wright</i>	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>	11:00	
11:15						11:15	
11:30						11:30	
11:45				Lunch Cavendish Lab	Certificate Presentation	<div>Optional Sessions: Open Day:</div> 13:45 - 14:15 NST Admissions Talk and Q&A (Dr Jardine-Wright & Dr Riley) 14:20 - 14:50 Introduction to Materials Science (Dr Jessica Gwynne) 15:00 - 15:30 Sample Physics Lecture - Special Relativity (Dr Julia Riley) 15:30 - 16:00 Astrophysics Presentation	11:45
12:00							12:00
12:15	12:15						
12:30	12:30						
12:45	12:45						
13:00	Lunch Cavendish Lab		Lunch Cavendish Lab	Certificate Presentation	13:00		
13:15					13:15		
13:30					13:30		
13:45	Quantum Mechanics <i>Pippard Lecture Theatre</i> <i>Prof. M Warner</i>		Lab (Pendula) 1A Lab <i>Dr N Humphry-Baker</i>	Diffraction 1B Lab (dark end) <i>Dr. L Jardine-Wright</i>	Certificate Presentation		13:45
14:00							14:00
14:15						14:15	
14:30						14:30	
14:45						14:45	
15:00	Break		Break	Certificate Presentation	15:00		
15:15					15:15		
15:30					15:30		
15:45	Sample Lecture <i>Pippard Lecture Theatre</i>		See Town / Museum visit (weather-dependent)	Certificate Presentation	15:45		
16:00					16:00		
16:15					16:15		
16:30					16:30		
16:45					16:45		
17:00	Dinner Churchill College	Dinner Churchill College	Dinner Churchill College	17:00			
17:15				17:15			
17:30				17:30			
17:45				17:45			
18:00				18:00			
18:15	Dinner Churchill College	Dinner Churchill College	Dinner Churchill College	18:15			
18:30				18:30			
18:45				18:45			
19:00				Welcome and Estimation <i>The JCR Games Room</i> <i>Dr L. Jardine-Wright, Prof. M Warner</i>	Admissions Workshop and Physics Problem Q & A Session Fitzwilliam College	Discussion Time & Problem Solving Practice <i>Jock Colville Hall, Churchill College</i>	19:00
19:15							19:15
19:30							19:30
19:45							19:45
20:00							20:00
20:15							20:15
20:30							20:30
20:45							20:45
21:00				21:00			