

Senior Physics Challenge (SPC) - Programme June 2016								
Times	Monday 27th June	Tuesday 28th June		Wednesday 29th June		Thursday 30th June	Times	
08:00		College- Breakfast		College- Breakfast		College- Breakfast	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	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 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 by 5.30pm.	Quantum Mechanics		Quantum Mechanics		Quantum Mechanics	09:15	
09:30		Pippard Lecture Theatre		Pippard Lecture Theatre		Pippard Lecture Theatre	09:30	
09:45		Prof. M Warner		Prof. M Warner		Prof. M Warner	09:45	
10:00		Break		Break		Break	10:00	
10:15		Lab (Pendula)	Diffraction	Quantum Mechanics		Quantum Mechanics	10:15	
10:30				Pippard Lecture Theatre		Pippard Lecture Theatre	10:30	
10:45				Prof. M Warner		Prof. M Warner	10:45	
11:00				Break		Break	11:00	
11:15		1A Lab	1B Lab (dark end)	Quantum Mechanics		Quantum Mechanics	11:15	
11:30				Pippard Lecture Theatre		Pippard Lecture Theatre	11:30	
11:45				Prof. M Warner		Prof. M Warner	11:45	
12:00				Lunch		Certificate Presentation	12:00	
12:15		Dr M Conterio	Dr. L Jardine-Wright	Lunch		Optional Session:	12:15	
12:30							12:30	
12:45							12:45	
13:00							13:00	
13:15		Lunch		Lab (Pendula)		Diffraction	Lunch	13:15
13:30								13:30
13:45								13:45
14:00								14:00
14:15		Quantum Mechanics		1A Lab		to attend open afternoon 1:45pm Material Science Lecture 2:20pm Admissions, Q&A 3:00pm Sample U/g Physics Lecture 3:30pm Astrophysics presentation 2:30-4:30pm Undergraduate labs & Museum open	14:15	
14:30		Pippard Lecture Theatre		Dr M Conterio			14:30	
14:45		Prof. M Warner		Dr. L Jardine-Wright			14:45	
15:00		Break		Break			15:00	
15:15		1. See Town / 2. Sample Lecture (weather-dependent)		2. See Town / 1. Sample Lecture (weather-dependent)			15:15	
15:30		Pippard Lecture Theatre		Pippard Lecture Theatre			15:30	
15:45						15:45		
16:00					16:00			
16:15					16:15			
16:30					16:30			
16:45					16:45			
17:00					17:00			
17:15					17:15			
17:30					17:30			
17:45					17:45			
18:00	Dinner at Churchill College.	Dinner at Churchill College.		Dinner at Churchill College.		Depart (home)	18:00	
18:15							18:15	
18:30							18:30	
18:45							18:45	
19:00	Welcome and Estimation	Discussion Time & Problem Solving Practice Jock Colville Hall		Admissions Workshop and Physics Problem Q & A Session Jock Colville Hall, Churchill College			19:00	
19:15							19:15	
19:30							19:30	
19:45							19:45	
19:45	Jock Colville Hall, Churchill College						20:00	
20:00							20:00	
20:15							20:15	
20:30							20:30	
20:30	Dr L. Jardine-Wright, Prof. M Warner					20:45		
20:45						20:45		
21:00						21:00		