

## British Physics Olympiad Camp China - July 2022

Beijing Time

The times are adjustable and approximate only. The length of the sessions is flexible.

### Saturday 9<sup>th</sup> July

10:00	Activity	1½ hours
11:30	Independent Learning	3 hours
14:30	Connecting to Zoom	
15:00	Opening Session (Robin Hughes, Anson Cheung, Steve martin, Neil Downie, Tony Ayres, Andrew French)	15 minutes
15:15	Dr Steve Martin – Noodle Physics	45 minutes
16:15	Dr Anson Cheung, Mr Robin Hughes – Mechanics (Part I)	1 hour
17:20	Professor Neil Downie – Paper Clock and other investigations	2½ hours

### Sunday 10<sup>th</sup> July

10:00	Activity	1½ hours
11:30	Independent Learning	3 hours
14:45	Connecting to Zoom	
15:00	Supervisions: Brainteasers & Interview questions – Robin Hughes & Anson Cheung, University students in Breakout rooms	1½ hours
16:20	Mechanics – Dr Anson Cheung, Mr Robin Hughes (Part II)	1 hour
17:20	Practical observation – The Cartesian Diver	40 minutes
18:00	Robin Hughes – Physics of the Table Tennis Ball	1 hour

### **Monday 11<sup>th</sup> July**

10:00	Activity	1½ hours
11:30	Independent Learning	3 hours
14:45	Connecting to Zoom	
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15:00	Tony Ayres – Water Waves Experiment	1⅓ hours
16:15	Robin Hughes – Estimations in Physics	40 minutes
17:00	Dr Andrew French – A Spring Investigation	2 hours

### **Tuesday 12<sup>th</sup> July**

10:00	Activity	1½ hours
11:30	Independent Learning	3 hours
14:45	Connecting to Zoom	
15:00	University Talk and Mock Interview – Anson Cheung & Steve Martin	2¼ hours
	Some students are available to talk about their experience of university	
17:15	Tony Ayres – Theory & student feedback on oscillations in water	45 minutes
18:00	Closing Session	30 minutes