

**SUMMER SCHOOL TIMETABLE 2017**  
**3<sup>rd</sup> – 8<sup>th</sup> September**

**Monday – GENERAL INTRODUCTIONS**

0845 – 1245  Investcorp Lecture Theatre	0845 – 0900 Introduction to the School 0900 – 1015 What is the clock? <i>1015 – 1045 Coffee break</i> 1045– 1200 What is sleep?  1200 – 1245 Data blitz session 1
1245-1330	Lunch
1330 – 1630 Investcorp Lecture Theatre	1330 – 1445 Sleep and the clock <i>1445 – 1515 Coffee break (students to put posters up x20)</i> 1515 – 1630 Sleep and circadian rhythm disruption
1630 – 1800 Buttery	Poster session

**Tuesday – MOLECULAR AND NEUROBIOLOGICAL MECHANISMS**

0900 – 1245  Investcorp Lecture Theatre	<i>Lecture/workshop for all</i> 0900– 1015 Molecular Mechanisms of Clocks <i>1015 – 1045 Coffee break</i> 1045 – 1200 Molecular, cellular and network mechanisms of sleep regulation  1200 – 1245 Data blitz session 2
1245 – 1330	Lunch
1330 – 1700  Investcorp Lecture Theatre and Pavilion	<b>Joint workshop – Neurobiology of sleep and circadian rhythms</b> Analysis of animal data  Break at 1445-1515 ( <i>students to put posters up x20</i> )
1700-1830 Buttery	Poster session

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### Wednesday - Health and outputs of the sleep/circadian systems

0900 – 1245  Investcorp Lecture Theatre	<i>Lecture/workshop for all</i> 0900 – 1015 Human Circadian Rhythms 1015 – 1045 <i>Coffee break (students to put posters up x12)</i> 1045 – 1200 Neurological basis of sleep-wake dissociations  1200 – 1245 Data blitz session 3	
1245 – 1330	Lunch	
1330 – 1700	<b>Subject-specific workshops (split to 2 groups)</b>	
<i>Coffee available at approx. 1530 (students to put posters up x20)</i>	<b>Chrono: Dahrendorf</b>	<b>Sleep Med: Pavilion</b>
	<u>Outputs of circadian system:</u> Immune System Proteomics Learning and Memory	<u>Practical session 1</u> PSG background and set up, Actigraphy
1700-1830	Poster session	

### Thursday – ENTRAINMENT

0930 – 1230  Investcorp Lecture Theatre	<i>Lecture/workshop for all</i> 0930 – 1045 Photic Entrainment 1045 – 1115 <i>Coffee break (students to put posters up x12)</i> 1115 – 1145 Pharmacological Entrainment 1145-1215 Non-pharmacological Chronotherapy	
1230 – 1330	Lunch	
1330 – 1700	<b>Subject-specific workshops (split to 2 groups)</b>	
<i>Coffee available at approx. 1500</i>	<b>Chrono: Dahrendorf</b>	<b>Sleep Med; Pavilion</b>
	Entrainment Formalisms	<u>Practical session 2</u> PSG analysis
1800 – 1900	SCNi Prize Lecture Oxford Martin School	

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**Friday**

0930 – 1245	<b>Subject specific lecture</b>	
	<b>Chrono - Dahrendorf</b>	<b>Sleep Med - Investcorp Lecture Theatre</b>
0930 – 1045	Seasonal Rhythms	Treatments to improve sleep quality: pharmacotherapy and psychological approaches
<i>1045 – 1115</i>	<i>Coffee break</i>	
1115 – 1230	Plant Rhythms, Fungi and Bacteria	Treating insomnia in people with psychiatric and neurological disorders
1245 – 1345	Lunch	
1345 -1700	<b>Joint lectures</b>	
Investcorp Lecture Theatre	1345-1445: Big data/Cochrane review	
	Break?	
	1500 – 1600: Neuroethics	
1615-1645	Closing remarks and prizes	
1930 – 2200	Leaving drinks – TBC	

**Saturday**

Students depart