

## Engineering Materials Summer School - Programme 2nd - 5th July 2018

Monday 2nd July			Time	Activity	Venue
10:00	-	11:00	Student registration + deposit luggage	Dalton Ellis Halls	
11:00	-	11:30	Welcome Address	Dalton Ellis Lecture Room	
11:30	-	12:00	Icebreaker	Dalton Ellis Lecture Room	
12:00	-	12:30	Assemble and travel to campus		
12:30	-	13:00	Welcome Address and Introduction to Materials Science Prof Ian Kinloch, Deputy Head of the School of Materials	MSS D12	
13:00	-	13:45	Lunch	MSS D12	
13:45	-	14:45	The Polymer Glass Transition: Frosty Frisbees and Dangerous Ducks Steve Edmondson	<b>MSS C15</b>	
14:45	-	15:45	Straw Towers Rhys Archer / Mel Keogh	MSS D12	
15:45	-	16	Break		
16:00	-	17:00	Avoiding Oilfield Disasters: What you need to know Rob Lindsay	<b>Mill D38</b>	
17:00	-	18	Travel back to Dalton Ellis		
18:00	-	19:00	Dinner	Dalton Ellis Dining Room	
19:00	-	19:30	Free time to get changed	Own flat	
19.3	-	22:00	Quiz Night	Dalton Ellis Lecture Room	
22:00	-	22.30	Free time	Own common room/flat	
22:30			Lights Out	Own rooms	

Tuesday 3rd July			Time	Activity	Venue
07:45			Register with supervisor	Own corridor	
08:00	-	08:30	Breakfast	Dalton Ellis Dining Room	
8.3	-	9	Travel to Campus		
09:30	-	10:30	Graphene: Unexpected Science behind a pencil trace Arravind	Uni Place 6.208	
10:30	-	11:00	NGI Tour TBC	NGI 2nd Floor	
11:00	-	11:15	Break		
11:15		12:00	Student Life Mel Keogh	Uni Place 6.208	
12:00	-	13:00	Travel to Halewood		
13:00	-	13:30	Lunch – Packed lunch (will be provided)		

13.3	-	16	JLR Halewood Visit	
16	-	17	Travel back to Dalton Ellis	
17	-	18	Free time to get changed	Own Flat
18:00	-	19:00	Dinner	Dalton Ellis Dining Room
19:00	-	19.30	Free time	Own flat
19:30	-	22:00	Film / Sports Night	Dalton Ellis Halls
22:00	-	22:30	Free time	Own common room/flat
22:30			Lights Out	Own rooms

Wednesday 4th July				
Time		Activity		Venue
07:45		Register with supervisor		Own corridor
08:00	-	08:30	Breakfast	Dalton Ellis Dining Room
08:45	-	09:15	Travel to Campus	
09:30	-	11:15	Materials Identification Challenge Lee Fielding, Rachel Saunders, Ken Gyves, Ed Pickering	E9 Mill, E12 MSS, D12 MSS, Morton
11.15	-	11.3	Break	
11.3	-	12.3	Materials Identification Challenge Lee Fielding, Rachel Saunders, Ken Gyves, Ed Pickering	E9 Mill, E12 MSS, D12 MSS, Morton
12.3	-	13.3	Lunch (Pizza)	MSS D12
14:00	-	14:45	Introduction to Biomaterials Rachel Saunders	Sackville C9
14:45	-	15:00	Break	
15:00	-	16:00	Bone Repair Challenge Ruikang Xue/Julio Tadeo	MSS D12
16:00	-	17:30	Composites Neha Chandara & Quentin Poutrel	MSS C16
17.15	-	17.45	Travel back to Dalton Ellis	
17.45	-	19:15	Free time to pack and get changed (course dinner)	Own Flat
19:30	-	20.3	Course Dinner	Dalton Ellis Dining Room
20:30	-	23:00	Disco/ Sports/Games Night	Dalton Ellis Lecture room
23:00			Lights Out	Own rooms

Thursday 5th July				
Time		Activity		Venue
7.45	-	8	Register with supervisor	Own corridor
8	-	09:00	Breakfast + hand in key	Dalton Ellis Dining Room
9			Travel to Campus	
09:30	-	11:00	Materials for Electricity Generation and Storage Nick Stevens & Chris Roberts	MSS D12 & E9 The Mill

11:00	11.15	Break	
11:15 - 13:00		Build a Beam Challenge Fabio Scenini	E9 & B10 The Mill
13:00	-	13:30	Lunch (Buffet)
13:30 - 14:00		Course Close: Student Feedback Presentation of Prizes and Certificates Closing Address	<b>MSS D12</b>
14:00		Collect luggage + depart	