	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
dates	**05/06/2026**	**06/06/2026**	**07/06/2026**	**08/06/2026**	**09/06/2026**	**10/06/2026**	**11/06/2026**	**12/06/2026**	**13/06/2026**	**14/06/2026**	**15/06/2026**
hour slots / days	**Day 0**	**Day 1**	**Day 2**	**Day 3**	**Day 4**	**Day 5**	**Day 6**	**Day 7**	**Day 8**	**Day 9**	**Day 10**
7:30 - 8:30		**Breakfast**	**Breakfast**	**Breakfast**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**
8:30 - 9:00					**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**
9:00 - 9:30		Intro to light	Recap	Recap		Widefiled build	Multiphoton microscopy	SLMs and deformable mirrors	3p imaging	Sensors & Actuators	**Adam's Workshop**
9:30 - 10:00											
10:00 - 10:30			Resolution	Detectors & Noise							
10:30 - 11:00		**Coffee Break**									
11:00 - 11:30		Image formation	**Coffee Break**	**Coffee Break**			**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	
11:30 - 12:00			continue lecture	continue lecture			What not to do with imaging data?	What to do with imaging data?	Mini 2p	fUSI	
12:00 - 12:30		Image formation	Benchtop optics - image golgi slides	Widefield Imaging							
12:30 - 13:00											
13:00 - 14:00		**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**
14:00 - 15:00		Benchtop optics - Lenses	continue lab	continue lecture	Intrinsic imaging	Confocal Microscopy	AB: 2p build CD: scanning acq	CD: 2p build AB: scanning acq	in vivo 2p demo / make presentations		**Adam's Workshop**
15:00 - 15:30				Optics challenge + Make presentations		Scanning					
15:30 - 16:30			Epifluorescence		Widefield (noise) calculations						
16:30 - 16:45		**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**		
16:45 - 17:30		continue lab	Resolution	Make presentations	Widefield (noise) calculations	Widefield Imaging	AB: 2p build CD: scanning acq	CD: 2p build AB: scanning acq	in vivo 2p demo / make presentations		
17:30 - 18:00			Benchtop optics - epifluorescence							LASERs	
18:00 - 19:00									Light Sheet Microscopy		
19:00 - 20:00	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**
20:00 - 20:30	Introduction to TENSS	Koehler Illumination	**Chalk Talk**	**Chalk Talk**	student chalk talks 5 students	Chalk Talk	Chalk Talk	Chalk Talk	Final Optics presentations	Chalk Talk	**Adam's Workshop**
20:30 - 21:00			continue lab: image PSFs and brain samples	Basic Optics Presentations		studen chalk talks 3 students	studen chalk talks 3 students	studen chalk talks 3 students		Chalk Talk	
21:00 - 21:30						Widefield Imaging	AB: continue 2p build	CD: continue 2p build			
21:30 - 22:30		Benchtop optics - set up Koehler									
22:30 - 24:00											

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
dates	**16/06/2026**	**17/06/2026**	**18/06/2026**	**19/06/2026**	**20/06/2026**	**21/06/2026**	**22/06/2026**	**23/06/2026**	**24/06/2026**	**25/06/2026**
hour slots / days	**Day 11**	**Day 12**	**Day 13**	**Day 14**	**Day 15**	**Day 16**	**Day 17**	**Day 18**	**Day 19**	**Day 20**
7:30 - 8:30	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**	**Morning run**
8:30 - 9:00	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**	**Breakfast**
9:00 - 9:30										
9:30 - 10:00	Intro to basic electronics	Recap	Recap	Intro to data acquisition	Liquin Luo	You have beautiful recordings, now what?	Student Presentations	Cindy Poo	Projects	Project Presentations
10:00 - 10:30		Active circuits: Op amps & Voltage buffers	Where does the extracellular potential comes from?							
10:30 - 11:00				Behavior Lab I: Intro to Arduino		Spectral analysis				**Coffee Break**
11:00 - 11:30	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	Project Presentations
11:30 - 12:00	continue	Electronics Lab IV: Voltage Buffers	In vivo recordings	Synchronisation and Real-Time Systems	Behavior Lab IV: Controlled behaviour: Reaction time, 2AFC...	Analyze Data from ephys demos and behavior - make presentations	**Trip to Cluj**	Projects	Projects	Feedback forms
12:00 - 12:30	Electronics Lab I: Resistors									
12:30 - 13:00										
13:00 - 14:00	**Lunch + Chalk talk**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**		**Lunch**	**Lunch**	**Lunch**
14:00 - 15:00	Capacitors	Active Filters	Headfixed ephys demo; Freely moving Ephys demo; EEG demo; ABC	Intro to programming	Behavior Lab V: Set up mouse tracking and closed loop stimulation in the tent	Projects Planning II - refine				Group Feedback
15:00 - 15:30	Electronics Lab II: Resistors and Capacitors	Electronics Lab V: Active Filters	- Headfixed ephys demo; Freely moving Ephys demo; EEG demo; BAC	Behavior Lab II: Sensors & Actuators with Arduinos		Analyze Data from ephys demos and behavior - make presentations		Projects	Projects	
15:30 - 16:30					Human clicker training					Pack up
16:30 - 16:45	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**	**Coffee Break**				
16:45 - 17:30	Electronics Lab II Continued	Differential and Instrumentation Amplifiers	Headfixed ephys demo;	Behavior Lab II Continued	Do an actual mouse behavior experiment	Analyze Data from ephys demos and behavior - make presentations				
17:30 - 18:00	Behavior - the anchor	Electronics Lab VI Instrumentation Amps	Behavior & Recordings at Scale	Can we learn anything from just doing experiments in the wild?						
18:00 - 19:00		TBA								
19:00 - 20:00	**Pizza Dinner + chalk talk**	**Pizza Dinner + chalk talks**	**Pizza Dinner + chalk talks**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**	**Dinner**
20:00 - 20:30	Filtering Analog Signals	Electronics Lab VI: Differential Amplifiers (continued)	Spike sorting	chalk talk	chalk talk	chalk talk		Projects	chalk talk	
20:30 - 21:00				**Break**	**Break**	**Break**			Projects	
21:00 - 22:00	Electronics Lab III: RC filters			Intro to Bonsai	Projects Planning I	Projects Proposals				
22:00 - 23:00		Electronics Lab VI: The FULL circuit	Spike sorting lab?	Behavior Lab III: Cameras and Bonsai	continue - get data analyze etc	make presentations				
23:00 - 24:00										