

### Week 1

Time	Mon (4)	Tues (5)	Wed (6)	Thu (7)	Fri (8)	Sat	Sun
9-10	Welcome & Safety Briefing	Introduction to miniscope imaging	Introduction to imaging tech	Introduction to structural imaging	Introduction to combining electrophysiology with imaging	Social Day	Free Day
10:15-11:45	Planning session and course introduction	Sabine Krabbe	Yunyun Han	Takaki Komiyama	Participant presentations: experiment planning		
12-13	Lunch	Lunch	Lunch	Lunch	Lunch		
13-17	Participant Poster session (To LINDoscope)	1P miniscope surgery	1P miniscope surgery	Surgical Techniques	Surgical Techniques		
	Martin Fuhrmann	Miniscope imaging	Miniscope imaging	Miniscope analysis	Miniscope analysis		
17-18	Discussion	Wrap-up	Wrap-up	Wrap-up	Wrap-up		
18-19	Welcome Reception	Dinner	Dinner	Dinner	Dinner		
Evening	Participant Poster session (To public)			Outing	Outing		

### Week 2

Time	Mon (11)	Tues (12)	Wed (13)	Thu (14)	Fri (15)
9-10	Introduction to Optogenetic tools	Introduction to 2P and behaviour	Introduction to analysis methods	Introduction to VAME	Introduction to Non-invasive imaging
10:15-11:45	Dimitrii Tanese	Daniel Dombeck	Analysis help session	Analysis help session	Participant presentations: analysis & results
12-13	Lunch	Lunch	Lunch	Lunch	Lunch
13-17	2P calcium imaging with behaviour	2P calcium imaging with behaviour	2P calcium imaging with behaviour	2P calcium imaging with behaviour	Choice of Advanced Applications: 1) MRI + SPECT 2) Lightsheet 3) FLIM 4) Fly imaging
	Structural imaging and optogenetics	Structural imaging and optogenetics	Structural imaging and optogenetics	Structural imaging and optogenetics	
	2P analysis (CalmAn)	2P analysis (CalmAn)	Behaviour analysis (DLC & CEBRA)	Behaviour analysis (DLC & CEBRA)	
17-18	Wrap-up	Karel Svoboda (zoom)	Mackenzie Mathis	Anne Kennedy (zoom)	Evaluation & Closing
Evening	Dinner	Dinner	Dinner	Dinner	Group photo