

Color Legend				
Talks	Breaks	Hacking	Tutorials with hacking excercises (pick sessions that apply)	Group discussions

## User Days

Day 0 (Sunday, July 23)				
6:00 PM	7:00 PM	1:00:00	Dinner (optional, Dining Room)	

Day 1 (Monday, July 24)				
			Axon-Dendrite	Synapse
Start Time	End Time	Duration	Topic	Speaker
8:00 AM	9:00 AM	1:00:00	Breakfast (Dining Room)	
9:00 AM	9:05 AM	0:05:00	Welcome to Janelia	Janelia Team
9:05 AM	9:20 AM	0:15:00	Welcome and overview of the hackathon	Ben Dichter
9:20 AM	10:00 AM	0:40:00	Overview of NWB	Oliver Ruebel
10:00 AM	11:00 AM	1:00:00	NeuroConv and NWB GUIDE	Cody Baker
11:00 AM	12:00 PM	1:00:00	Hacking on projects	
12:00 PM	1:00 PM	1:00:00	Lunch (Dining Room)	
1:00 PM	1:45 PM	0:45:00	Introduction to NWB APIs and Behavior	Ben Dichter, Ryan Ly
1:45 PM	2:30 PM	0:45:00	Introduction to Extracellular Electrophysiology	
2:30 PM	3:15 PM	0:45:00	Introduction to Optical Physiology	
3:15 PM	3:30 PM	0:15:00	Refreshments break	
3:30 PM	4:15 PM	0:45:00	Introduction to Intracellular Electrophysiology	Oliver Ruebel
4:15 PM	5:30 PM	1:15:00	Hacking on projects	
5:30 PM	6:30 PM	1:00:00	Reception / Ice Breaker (Reception)	
6:30 PM	8:00 PM	1:30:00	Dinner (Dining Room)	

Day 2 (Tuesday, July 25)				
			Axon-Dendrite	Synapse
Start Time	End Time	Duration	Topic	Speaker
8:00 AM	9:00 AM	1:00:00	Breakfast (Dining Room)	
9:00 AM	9:10 AM	0:10:00	Welcome to Day 2	Oliver Ruebel
9:10 AM	9:40 AM	0:30:00	Processing and analysis of NWB data	Ben Dichter
9:40 AM	10:30 AM	0:50:00	Advanced data I/O (chunking, compression)	Oliver Ruebel, Ben Dichter
10:30 AM	11:30 AM	1:00:00	TAB (Topic TBD)	Yaroslav O. Halchenko
11:30 AM	12:00 PM	0:30:00	Hacking on projects	
12:00 PM	1:00 PM	1:00:00	Lunch (Dining Room)	
1:00 PM	1:10 PM	0:10:00	Group photo (meet at Reception)	Janelia Team
1:10 PM	2:10 PM	1:00:00	Using the DANDI Archive	Cody Baker
2:10 PM	2:35 PM	0:25:00	DataJoint	Kushal Bakshi
2:35 PM	3:00 PM	0:25:00	pynapple	Guillaume Viejo
3:00 PM	3:25 PM	0:25:00	SLEAP	Talmo Pereira
3:25 PM	6:30 PM	3:05:00	Hacking on projects	
6:30 PM	8:00 PM	1:30:00	Dinner (Dining Room)	

Day 3 (Wednesday, July 26)				
			Axon-Dendrite	Synapse
Start Time	End Time	Duration	Topic	Speaker
8:00 AM	9:00 AM	1:00:00	Breakfast (Dining Room)	
9:00 AM	9:05 AM	0:05:00	Welcome to Day 3	Ben Dichter
9:05 AM	9:50 AM	0:45:00	NWB Extensions	Ryan Ly
9:50 AM	10:35 AM	0:45:00	NWB Widgets	Ben Dichter
10:35 AM	12:00 PM	1:25:00	Hacking on projects	
12:00 PM	1:00 PM	1:00:00	Lunch (Dining Room)	
1:00 PM	2:00 PM	1:00:00	Hacking on projects	
2:00 PM	4:30 PM	2:30:00	Final project presentations	
4:30 PM	5:00 PM	0:30:00	Break	
5:00 PM	5:45 PM	0:45:00	NWB Users and Developer gather in the Axon-Dendrite room for closing discussions of the User Days	Ryan Ly
5:45 PM	6:00 PM	0:15:00	Group photo (Loppy)	
6:00 PM	7:00 PM	1:00:00	Social reception (Lobby)	
7:00 PM	8:00 PM	1:00:00	Dinner (Dining Room)	

## Developer Days

Day 4 (Thursday, July 27)				
			Axon-Dendrite	Synapse
Start Time	End Time	Duration	Topic	Speaker
See the social at the end of day 3			Developers should plan to arrive in the afternoon on day 3 to be able to attend the social	
8:00 AM	9:00 AM	1:00:00	Breakfast (Dining Room)	
9:00 AM	9:30 AM	0:30:00	Welcome to the Developer Hackathon	Oliver Ruebel
9:30 AM	10:15 AM	0:45:00	Project overviews. Each project provides 2 min overview of their project plan. Planning for new projects.	
10:15 AM	10:30 AM	0:15:00	Break	
10:30 AM	12:00 PM	1:30:00	Break out Discussion: Visualization	Cody Baker
12:00 PM	1:00 PM	1:00:00	Lunch (Dining Room)	
1:00 PM	1:15 PM	0:15:00	Developer Group Photo	
1:15 PM	2:15 PM	1:00:00	Break out Discussion: External resources & LinkML	Matthew Avaylon, Sujay Patil
2:15 PM	3:15 PM	1:00:00	Hacking on projects	
3:15 PM	3:35 PM	0:20:00	Break	
3:35 PM	6:30 PM	2:55:00	Hacking on projects	
6:30 PM	8:00 PM	1:30:00	Dinner (Dining Room)	

Day 5 (Friday, July 28)				
			Axon-Dendrite	Synapse
Start Time	End Time	Duration	Topic	Speaker
8:00 AM	9:00 AM	1:00:00	Breakfast (Dining Room)	
9:00 AM	9:05 AM	0:05:00	Welcome to Day 5	Oliver Ruebel
9:05 AM	9:25 AM	0:20:00	Morning check in. Review outcomes for day 4 and plans for day 5.	Oliver Ruebel
9:25 AM	10:25 AM	1:00:00	Hacking on projects	
10:25 AM	10:40 AM	0:15:00	Break	
10:40 AM	12:00 PM	1:20:00	TAB Discussion (TBD)	TAB
12:00 PM	1:00 PM	1:00:00	Lunch (Dining Room)	
1:00 PM	2:00 PM	1:00:00	Future of NWB and Community Building	Ryan Ly
2:00 PM	3:00 PM	1:00:00	Hacking on projects	
3:00 PM	3:20 PM	0:20:00	Break	
3:20 PM	6:30 PM	3:10:00	Hacking on projects	
6:30 PM	8:00 PM	1:30:00	Dinner (Dining Room)	

Day 6 (Saturday, July 29)				
			Axon-Dendrite	Synapse
Start Time	End Time	Duration	Topic	Speaker
8:00 AM	9:00 AM	1:00:00	Breakfast (Dining Room)	
9:00 AM	9:30 AM	0:30:00	Hacking on projects	
9:30 AM	12:00 PM	2:30:00	Project presentations	Everyone
12:00 PM	1:00 PM	1:00:00	Lunch (Dining Room)	
1:00 PM	3:00 PM	2:00:00	Group discussion, feedback, and roadmapping	Everyone
3:00 PM	5:00 PM	2:00:00	Bonus hacking	Everyone