

		Tuesday 3	Wednesday 4	Thursday 5	Friday 6	Saturday 7	Sunday 8	Monday 9	Tuesday 10	Wednesday 11	Thursday 12	Friday 13	
9:00 - 10h30		Darcy Peterka Optical methods for imaging and modulation in the brain	Flavie Lavoie- Cardinal Observing neurons at the nanoscale	Paul De Koninck Tracking molecular events in neurons	Yves De Koninck Optogenetics : control and sensing challenges	Michèle Desjardins In vivo neuro-vascular imaging from micro to mesoscale	FREE DAY	Analysis workshop	Jack Waters Functional imaging of transcriptomically- identified cell types in mice brains	Ravi Rungta Reading brain activity with blood: Imaging of Neurovascular Coupling in Somatosensory Circuits	Isabelle Aubert MRI-guided focused ultrasound applications to the CNS: from the delivery of AAVs to biological effects	Project presentations	
10:30 - 11:00	Coffee Break							Coffee Break					
11:00 - 12:30		Rochelin Dalangin Genetically encoded fluorescent sensors	Sandrine Lévesque- Fort Microscopy technique development and single molecule localisation microscopy	Ed Ruthazer Optical investigation of neuron-glia interactions in vivo	Renée Hlozek Data analysis from an interdisciplinary perspective	Linlin Fan All-optical physiology reveals synaptic bases for learning and memory in behaving mammals		Analysis workshop	Mini Projects	Mini Projects	Mini Projects	Project presentations	
12:30 - 13:30	Lunch							Lunch					
13:30 - 14:30		Demonstrations	Demonstrations	Demonstrations	Demonstrations	Hands-on Experiment		Analysis workshop	Mini Project	Mini Project	Mini Project	Prizes and Closing remarks	
14:30 - 16:45		Hands-on Experiment	Hands-on Experiment	Hands-on Experiment	Hands-on Experiment	Hands-on Experiment							
16:45 - 19:00		Hands-on Experiment	Hands-on Experiment	Hands-on Experiment	Hands-on Experiment	Hands-on Experiment							
Evening activities	Opening Cocktail + Poster evening		Sports and pizza night with Paul			Dinner Korriganne	Professional Development Dinner	Dinner at CERVO	Diner at CERVO	Diner at CERVO			