

## Scientific Program

2019 Neurodynamics Symposium: New perspectives in **brain functions**.

Day 1 - 4 <sup>th</sup> of July		Day 2 - 5 <sup>th</sup> of July	
8-9 Welcome and registration		8-9 Welcome and registration	
9-10	<b>KEYNOTE SPEAKER: CARL PETERSEN</b> <i>Neural Circuits for Goal-Directed Sensorimotor transformation</i>	9-10	<b>KEYNOTE SPEAKER: MATTHEW NOLAN</b> <i>Circuit mechanisms and dynamic codes for spatial computation</i>
10-10:45 Coffee Break and Poster Session		10-10:45 Coffee Break and Poster Session	
10:45-11:20	<b>Alexander Fleischmann.</b> <i>Encoding of odor memories in the olfactory cortex</i>	10:45-11:20	<b>Michel Picardo.</b> <i>Emergence of cell assemblies in the developing hippocampus</i>
11:20-11:55	<b>Nathalie Rochefort.</b> <i>Vision in action: contextual signals in visual cortex</i>	11:20-11:55	<b>David Clayton Rowland.</b> <i>Functional neuroanatomy of the medial entorhinal cortex: what stays and what goes?</i>
11:55-12:30	<b>Elodie Fino.</b> <i>Habit formation and dynamics of striatal networks</i>	11:55-12:30	<b>Pierre Baraduc.</b> <i>Hippocampal representations of space in the nonhuman primate</i>
12:30-13 - Selected talks*		12:30-13 - Selected talks*	
13-13:45 Lunch Break		13-13:45 Lunch Break	
13:45-14:30 Poster Session / 14-14:30 Sponsors presentation		13:45-14:30 Poster Session / 14-14:30 Sponsors presentation	
14:30-15:05	<b>Jeanette Hellgren Kotaleski.</b> <i>To be announced</i>	14:30-15:05	<b>Vincent Pascoli.</b> <i>Looking for circuit plasticity in mouse models of addiction</i>
15:05-15:40	<b>Moritz Helias.</b> <i>Statistical physics of correlated neuronal variability</i>	15:05-15:40	<b>Emmanuel Valjent.</b> <i>Role of extended amygdala D2R signaling in fear generalization and avoidance behavior</i>
15:40-16:20 - Selected talks*		15:40-16:15	<b>Sebastien Carnicella.</b> <i>Deciphering the underlying cellular mechanisms of impulsive behaviors: Implication for impulse control disorders</i>
16:20-17	16:20-17 Coffee Break and Poster Session		16:15-16:45 - Selected talks*
17-17:35	<b>Andrew Murray.</b> <i>Brainstem circuits controlling posture and locomotion</i>	17 Closing of the meeting	
17:35-18:10	<b>Csaba Erő.</b> <i>A data-driven cell atlas for the mouse brain</i>		
18:10-18:40: Selected talks*			
19:30 - Gala dinner			

\*Selected talks: 10min-talk by selected students and postdocs based on the abstract submitted.