

EuroSPIN Meeting 2015 Stockholm, Sweden

	Thursday 21 May	Friday 22 May	Saturday 23 May
	<u>Fantum @ KTH</u> V Floor Lindstedtsvaegen 24	Lennart Nilsson auditorium <u>@Karolinska Institute</u>	<u>Fantum @ KTH</u> V Floor Lindstedtsvaegen 24
09:00		Session III	Session VI
09:30			
10:00			
10:20		FIKA	
10:40			FIKA
10:45		Session IV	
11:00			Session VII
11:30			
12:00			
12:15		Lunch	Closing Remarks
12:30			Lunch
13:30			
14:00		Session V	
14:30	FIKA (30 min)		
15:00	Session I		
15:30			
16:00			
	Short break (15 min)		
16:15	Session II		
16:45		Excursion	
17:15		to Fjaderholmarnaskrog The boat leaves at 1700 from a station close to the Slussen.	
	Short break (15 min)	It is advised that you start from the INCF with everybody else at the same time by bus no. 3	
17:30	Student meeting		
18:30	Student+Faculty meeting		
19:00	Dinner	Dinner	
19:30		at Fjaderholmarnaskrog	
20:00			
20:30			
21:00			

Line spacing is not proportional to the time

Eurospin Meeting 2015, Stockholm, Sweden

Thursday 21 May	Fantum, Lindstedtsvaegen 24 V Floor. KTH main campus
1430-1500	Coffee
Session I 1500 - 1600	Chairperson: Stojan Jovanovic
1500	Jyotika Bahuguna (ALUF/KTH) Existence and control of Go/No-Go decision transition threshold in the striatum
1520	Jovana Belic (ALUF/KTH) Investigating cortico-striatal circuits and their role in health and disease
1540	Mohammadreza Mohagheghi Nejad (ALUF/KTH) The role of cortico-thalamic synaptic strength in rebound activity of thalamocortical neuron model
1600-1615	Short Break
Session II 1615 - 1700	Chairperson: Jyotika Bahuguna
1615	Marko Filipovic (ALUF/KTH) State-dependent modulation of dopaminergic effects in the striatum
1635	Jan Pieczkowski (UoE/KTH) Dynamics of a detailed striatal medium spiny neuron model
1655	Daniel Trpevski (UoE/KTH) Modeling synaptic diversity in the basal ganglia
1715-1730	Short Break
1730-1830	Student/advisory board discussions
1900	Dinner

Eurospin Meeting 2015, Stockholm, Sweden

Friday May 22	INCF Karolinska Institute Solana Campus
Session III 0900 - 1020	Chairperson: Yann Sweeney
900	John Hertz Balanced states that lose their balance
940	Luiz Tauffer Model-based analysis of information processing pathways in the retina
1000	Stojan Jovanovic Statistical Inference in Networks with Hidden Units
1020-1045	Coffee Break
Session IV 1045-1215	Chairperson: Marko Filipovic
1045	Katharina Heil A rule-based model for clathrin-mediated endocytosis
1105	Anu Nair Relevance of co-localized receptors in striatal dopamine signaling
1125	Sayyed Auwn Muhammad Sequence Analysis and Evolutionary studies of reelin domains
1145	Linda Lanyon
1215-1400	Lunch
Session V 1400-1600	Chairperson: Florian Feibig
1400	Simachew Mengiste Controllability of complex networks
1420	Martino Sorbaro Spike classification and clustering from interpolated multi-electrode array data
1440	Dinesh Natesan Airflow mediated positioning of antennae in flying hawk moths
1500	Sander Keemink Contextual modulations in V1 and a theory of smooth contours
1520	Wioleta Kijewska Modelling ocular dominance plasticity
1700	Meet @ Slussen Metro for the boat trip to the Fjaderholmarnaskrog

Eurospin Meeting 2015, Stockholm, Sweden

Saturday May 23	Fantum, Lindstedtsvaegen 24 V Floor. KTH main campus
Session VI 0900-1040	Chairperson: Luiz Tauffer
900	Carl van Vreeswijk Renewal Approach to the Analysis of the Asynchronous State for Coupled Noisy Oscillator
940	Florian Fiebig Neural network mechanisms for fast temporal integration and selective systems consolidation of declarative memories
1000	Natalie Dupuy [15+5] Memory consolidation and mental schemas: a restricted Boltzmann machine model
1020	Ramón Heberto Martínez Mayorquin Large-scale cortex inspired network architectures for processing/analysis of spatiotemporal data
1040-1100	Coffee break
Session VII 1100-1230	Chairperson: Jan Pieczkowski
1100	Julia Gallinaro Recurrent network with homeostasis based structural plasticity
1120	Nebojsa Gasparovic A Statistical Approach to Structural Plasticity of Synaptic Connectivity in Neocortical Networks
1140	Yann Sweeney Homeostatic intrinsic plasticity, neural heterogeneity and memory maintenance
1200	Renato Duarte Synaptic adaptation stabilizes sequential stimulus representations
1220	Closing Remarks
1245	Lunch and departure