TEX2023: Efficient coding and processing for perception and action

Tuesday, July 4, 2023

Invited talk: Friedemann Zenke - Principles of representation learning in deep sensory networks - **Room 005 (9:40 AM - 10:30 AM)**

time	[id] title	presenter
9:40 AM	[12] Principles of representation learning in deep sensory networks	ZENKE, Friedemann

Invited talk: Veronika Koren - Biologically plausible solutions for spiking networks with efficient coding - **Room 005 (11:00 AM - 11:50 AM)**

time	[id] title	presenter
11:00 AM	[8] Biologically plausible solutions for spiking networks with efficient coding	KOREN, Veronika

Invited talk: Luigi Acerbi - From Bayesian neural networks to noise and inference in the brain - **Room 005 (11:50 AM - 12:40 PM)**

time	[id] title	presenter
11:50 AM	[15] From Bayesian neural networks to noise and inference in the brain	ACERBI, Luigi

Invited talk: Matteo Marsili - Do universal representations emerge with depth? - **Room 005 (1:45 PM - 2:35 PM)**

Wednesday, July 5, 2023

Invited talk: Laurenz Wiskott - A Model of Generative Episodic Memory and its Function - Room 005 (10:00 AM - 10:50 AM)

time	[id] title	presenter
10:00 AM	[16] A Model of Generative Episodic Memory and its Function	WISKOTT, Laurenz

Invited talk: Wiktor Mlynarski - A theory of adaptive sensory coding in dynamic environments - Room 005 (12:00 PM - 12:50 PM)

time	[id] title	presenter
12:00 PM	[7] A theory of adaptive sensory coding in dynamic environments	MLYNARSKI, Wiktor

Invited talk: Peter Neri - The unreasonable recalcitrance of human vision to theoretical domestication - Room 005 (2:10 PM - 3:00 PM)

time	[id] title	presenter
2:10 PM	[13] The unreasonable recalcitrance of human vision to theoretical domestication	NERI, Peter

Invited talk: Andrea Benucci - Efficient coding of texture images in the mouse visual cortex - Room 005 (3:00 PM - 3:50 PM)

time	[id] title	presenter
3:00 PM	[10] Efficient coding of texture images in the mouse visual cortex	BENUCCI, Andrea

Thursday, July 6, 2023

Invited talk: Camillo Padoa-Schioppa - Optimal coding of offer values in orbitofrontal cortex: Theoretical predictions and experimental tests - Room 005 (10:00 AM - 10:50 AM)

time	[id] title	presenter
10:00 AM	[14] Optimal coding of offer values in orbitofrontal cortex: Theoretical predictions and experimental tests	PADOA-SCHIOPPA, Camillo

Invited talk: Raunak Basu - Mapping the world around us: A topology-preserved schema of space that supports goal-directed navigation - Room 005 (11:00 AM - 11:50 AM)

time	[id] title	presenter
11:00 AM	[11] Mapping the world around us: A topology-preserved schema of space that supports goal-directed navigation	BASU, Raunak

Invited talk: Angeles Salles - Contextual modulation of communication processing in bats - Room 005 (11:50 AM - 12:40 PM)

time	[id] title	presenter
11:50 AM	[9] Contextual modulation of communication processing in bats	SALLES, Angeles

Invited talk: Gaia Tavoni (WUSTL, USA) - Understanding the influences of context on efficient sensory coding - Room 005 (2:15 PM - 3:05 PM)

time	[id] title	presenter
2:15 PM	[4] Understanding the influences of context on efficient sensory coding	TAVONI, Gaia