NEST Conference 2024

Monday 17 June 2024

Talks (10:00 - 10:20)

time	[id] title	presenter
10:00	[16] A bottom-up, mesoscale approach for the study of the claustrum function	Dr GAMANUT, Razvan

Talks (10:35 - 11:15)

time	[id] title	presenter
10:35	[2] 70 Years of Spiking Network Simulations: Past, Present, Perspectives	PLESSER, Hans Ekkehard
10:55	[21] An approach to handle provenance-tracked analysis of NEST simulations using Alpaca	KÖHLER, Cristiano

Talks (13:40 - 14:40)

time	[id] title	presenter
13:40	[9] From Corticogenesis to Functional Networks	ABUBACAR, Umar
14:00	[26] Introducing NEST Desktop v4.0	Dr SPREIZER, Sebastian
14:20	[19] A simplified model of NMDA-receptor-mediated dynamics in leaky integrate-and-fire neurons	SKAAR, Jan Eirik

Talks (14:50 - 15:10)

time	[id] title	presenter
14:50	[20] CA1 Human Hippocampus Model	SOLINAS, Sergio Mauro Gavino

Tuesday 18 June 2024

Talks **(09:45 - 10:25)**

time	[id] title	presenter
09:45	[11] Modeling and simulating spiking neurons with NESTML on NEST GPU	Ms BABU, Pooja
10:05	[23] Enabling brain-scale spike-timing dependent plasticity by incorporating axonal and dendritic transmission delays in massively parallel spiking neural network simulations	VOGELSANG, Jan

Talks **(13:00 - 13:40)**

time	[id] title	presenter
13:00	[14] Comparing data-driven architecture reconstructions of cortical microcircuits	Mr KURTH, Anno
13:20	[6] Simplified neuronal model capturing brain-state specific apical-amplification, -isolation and -drive induced by calcium dynamics	PASTORELLI, Elena