

NEST Conference 2021

Tuesday 29 June 2021

Day 2: Morning (09:15 - 12:00)

-Conveners: Markus Diesmann

time	[id] title	presenter
09:15	[43] Session Introduction	DIESMANN, Markus
09:25	[20] Towards a systematic understanding of deep-sleep-like activity effects on the network working points during learning cycles	DE LUCA, Chiara
09:45	[25] Workshop on modeling and simulation of synaptic plasticity using NESTML and NEST Simulator	Mr LINSSEN, Charl Mrs BABU, Pooja
10:45	Short break	
11:05	[27] Spiking model of the head direction cell system for orientation estimation	Dr STENTIFORD, Rachael
11:15	[16] Conditions for wave trains in spiking neural networks	SENK, Johanna

Day 2: Afternoon (13:00 - 15:30)

-Conveners: Abigail Morrison

time	[id] title	presenter
13:00	[45] Session Introduction	Prof. MORRISON, Abigail MORRISON, Abigail
13:05	[15] Dynamics of multiple interacting excitatory and inhibitory populations with delays	KIM, Christopher
13:50	Short break	
14:00	[22] Compartmental models with user-defined trans-membrane currents through NESTML	WYBO, Willem
14:20	[28] Combining NEST Simulator and Python Modules in Parallel HPC Implementation	KOPRINKOVA-HRISTOVA, Petia
14:30	[21] Sub realtime simulation of a full density microcircuit model on a single compute node	KURTH, Anno
14:40	Break – Grab a snack	
15:00	[41] Poster session	