

NEST Conference 2025

Tuesday 17 June 2025

Talks (10:00 - 11:00)

time	[id] title	presenter
10:00	[15] Adult Neurogenesis in the Dentate Gyrus	SHARMA, Aadhar
10:20	[7] A Graph-Based, In-Memory Workflow Library for Brain/MINDS 2.0 – The Digital Brain Project	GUTIERREZ, Carlos
10:40	[12] Accelerated cortical microcircuit simulations on massively distributed memory	SCHÖFMANN, Catherine Mia

Wednesday 18 June 2025

Talks (11:30 - 12:30)

time	[id] title	presenter
11:30	[22] PyNEST NG: A new modern interface to the NEST kernel	PLESSER, Hans Ekkehard MØRK, Håkon HAUG, Nicolai EPPLER, Jochen Martin
11:50	[4] A NEST-based framework for the parallel simulation of networks of compartmental models with customizable subcellular dynamics	EWERT, Leander
12:10	[14] Modeling Calcium-Mediated Spike-Timing Dependent Plasticity in Spiking Neural Networks	SARTORI, Carlo Andrea

Talks (13:30 - 13:50)

time	[id] title	presenter
13:30	[3] Towards an empirically based model of the prefrontal cortex using AdEx neurons and NEST	RIBEIRO PINHEIRO, Pedro