



# NEST Conference 2023

## Thursday 15 June 2023

### Talks: Renan Shimoura, Francesco De Santis (11:15 - 11:55)

time	[id] title	presenter
11:15	[16] Stochastic neuron model implementation in NEST using NESTML	O. SHIMOURA, Renan
11:35	[13] A computational model of the mammalian brainstem to solve sound localization	DE SANTIS, Francesco

### Talks: Carlo Andrea Sartori, Nicolai Haug (12:40 - 13:20)

time	[id] title	presenter
12:40	[12] Nitric Oxide Diffusive Plasticity Model in Cerebellar SNN	SARTORI, Carlo Andrea
13:00	[9] NEST-SONATA: Fast parallel instantiation of explicitly specified large-scale neuronal network models	HAUG, Nicolai

# Friday 16 June 2023

**Talks: Renan Shimoura, Sebastian Spreizer (09:35 - 10:15)**

time	[id] title	presenter
09:35	[8] Visual alpha generators in a full-density spiking thalamocortical model	OLIVEIRA SHIMOURA, Renan
09:55	[17] NEST Desktop: What are next steps?	SPREIZER, Sebastian

**Talks: Jessica Mitchell, Behnam Ghazinouri, Jose Villamar (12:40 - 13:40)**

time	[id] title	presenter
12:40	[11] NEST Community Services	MITCHELL, Jessica GRABER, Steffen
13:00	[6] Navigation and the Efficiency of Spatial Coding: Insights from Closed-Loop Simulations	GHAZINOURI, Behnam
13:20	[15] Accelerating Neuronal Network Construction through Dynamic GPU Memory Instantiation	VILLAMAR, Jose