The **nest:** software project is supported by:



RNTHAACHEN UNIVERSITY



Norwegian University of Life Sciences





Human Brain Project

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neural simulation technology initiative



nest-simulator.org

nest: is a simulator for spiking neural network models, ideal for networks of any size





Features

Multi-scale simulations

• NEST can run on your laptop or the largest supercomputer

Simulator for modern computational neuroscience

Fork Destin ou GitHub

- We are continually adding new neuron and synapse models
- Accuracy
- We ensure models are correctly implemented

Continuous development

 We regularly release new versions with improved functionallity and bugfixes

Python-based user interface

Structured high-level support

Supported platforms Linux, macOS, Windows via virtual machines

Getting Started



installation https://www.nest-simulator.org/download/

Get your own copy of NEST for your system, as source-code, or live-media e.g. for virtual machines

fast-growing user documentation https://nest-simulator.org/documentation/

The central starting point for everything you need to know about NEST including:

- tutorials
- model directory
- example networks

Have Questions?

NEST is a software project with an helpful and active community.

For help:

Contact the mailing list

Join the bi-weekly Open Developer Video Conference Discuss issues on GitHub

mailing list

https://nest-simulator.org/mailinglist/



Stay up-to-date by signing up for our mailing list and participate in helpful discussions.

Getting Involved

active community https://nest-simulator.org/conference

Annual conference User workshops Bi-weekly Open Developer Video Conference



contributing https://github.com/nest/nest-simulator

Open development on GitHub Open source license

become a member https://nest-simulator.org/mailinglist/

The NEST Initiative is a community of developers that:

- Coordinate and guide the development of the NEST-Simulator
- Regularly publish on simulation technology, data structures and algorithms for large-scale neuronal network simulation
- Teach NEST as summer schools, workshops and tutorials and provide user and developer support



