

Neuronal Modeling Workshop

Part I: Simplified point neurons

February 21-22, 2024
Tehran, Iran



Pasargad Institute for
Advanced Innovative
Solutions (PIAIS)

Further information
www.b2n.ir/NMW-web

This workshop aims to provide participants with an introduction to various topics related to simulating a network of point neurons. The workshop is designed to be interactive, allowing participants to work on **their own computers** while receiving guidance from experienced instructors.

Topics:

- Modeling of neurons and networks
- Numerical analysis
- Analysis and visualization of spike trains

Requirements:

Participants are expected to have some level of proficiency in programming and have a basic understanding of calculus and linear algebra.

Directors:

A. Valizadeh
M. Madadi Asl

Lecturers:

A. Valizadeh
M. Madadi Asl
M. Khanjaniapak
S. Taghavi

Local organizer:

S. Ramezani

How to apply:

www.b2n.ir/NMW-form

Awards:

Three participants who complete all tasks will receive an award.

Deadline:

February 10, 2024

Address:

Khatam University, No. 30,
Hakim Azam St, Tehran

