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.

How to apply:
www.b2n.ir/NMW-form

Awards:
Three participants who complete all tasks will receive an award.

Director:
A. Valizadeh

Program chair:
M. Madadi Asl

Lecturers:
A. Valizadeh
M. Madadi Asl
M. Khanjanianpak
S. Taghavi

Local organizer:
S. Ramezani

Deadline:
February 10, 2024

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