

5th Nordic Neuroinformatics Workshop

Program

- 09:45 Morning coffee and registration
- 10:15 Opening words
Ulla Ruotsalainen, Tampere University of Technology
- 10:20 Plans and directions of INCF future work
Jan Bjaalie, INCF
- 11:15 INCF National Node of Finland
Ulla Ruotsalainen, Tampere University of Technology
- INCF Norwegian Node
Gaute Einevoll, the Norwegian University of Life Sciences
- 11:30 The Role of a Generic Information Model in Data Management
Christophe Roos, MediceL Ltd
- 12:00 Lunch
- 12:45 Non-Gaussian Data Analysis Methods in Neuroscience
Aapo Hyvärinen, University of Helsinki
- 13:15 GAMIXTURE+MRFSEG: A flexible tool for voxel classification
Jussi Tohka, Tampere University of Technology
- 13:30 Extracellular potentials from single-neuron and population activity
Gaute Einevoll, the Norwegian University of Life Sciences
- 14:00 Could single-cell measurements be predicted using fMRI and mathematical modeling?
Lauri Nurminen, Helsinki University of Technology
- 14:15 Spike statistics for a high-conductance cortical network model
Joanna Tyrcha, Stockholm University
- 14:30 Afternoon coffee and poster sessions including poster presentations
- 16:00 Role of gap junctions in the striatum - effects on spiking activity and synchronization
Jeanette Hellgren Kotaleski, Royal Institute of Technology
- 16:30 Stochastic modelling of neuronal excitability: modelling, simulation and parameter estimation
Antti Saarinen, Tampere University of Technology
- 16:45 Cerebellar model tested in control of a load-carrying robot
Iina Aaltonen, Helsinki University of Technology
- 17:00 End of the day
- 18:00 Dinner buffet