

Welcome to the
3rd INCF National Node of Finland
Workshop on Neuroinformatics

How the Brain Learns: Experimental and Computational Perspectives

The aim of the 3rd national workshop is to bring together *researchers* and *doctoral students* interested in understanding *plasticity and learning in the brain*. We invite experimentally, computationally, and theoretically oriented researchers.

The program will consist of invited introductory talks followed by round-table discussions on the needs of informatics in neuroscience. Additionally a poster session, as well as discussions on funding opportunities, will be organized. More info: <http://www.cs.tut.fi/sgn/neuroinfo/>

Attendance is free, but prior registration is appreciated. To register, please send an email to neuroinformatics@cs.tut.fi. Please indicate in your email if you will present a poster and/or participate in the evening program.

Time September 21, 2010 (all-day event)
Location Tampere University of Technology, Tampere

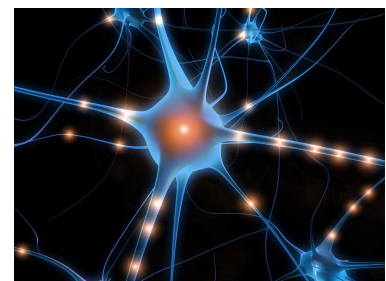
Keynote lecturers

Dr. Anthony J. Bell, Redwood Center for Theoretical Neuroscience, UC Berkeley, USA
Dr. Tomi Taira, Neuroscience Center, University of Helsinki, Helsinki, Finland

Motivation for the workshop

Plasticity, learning, and formation of memory are the fundamental features of living organisms. To understand the mechanisms behind these features, it is necessary to employ multidisciplinary approaches combining experimental, computational, and theoretical techniques. In addition, the integration of different branches of neuroscience, from cell and molecular levels to behavioral and cognitive levels, is needed. Finally, the development of new informatics tools should support these tasks.

INCF is an international organization devoted to advancing the field of neuroinformatics.



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Academy of Finland



TAMPERE UNIVERSITY OF TECHNOLOGY

incf International Neuroinformatics
Coordinating Facility