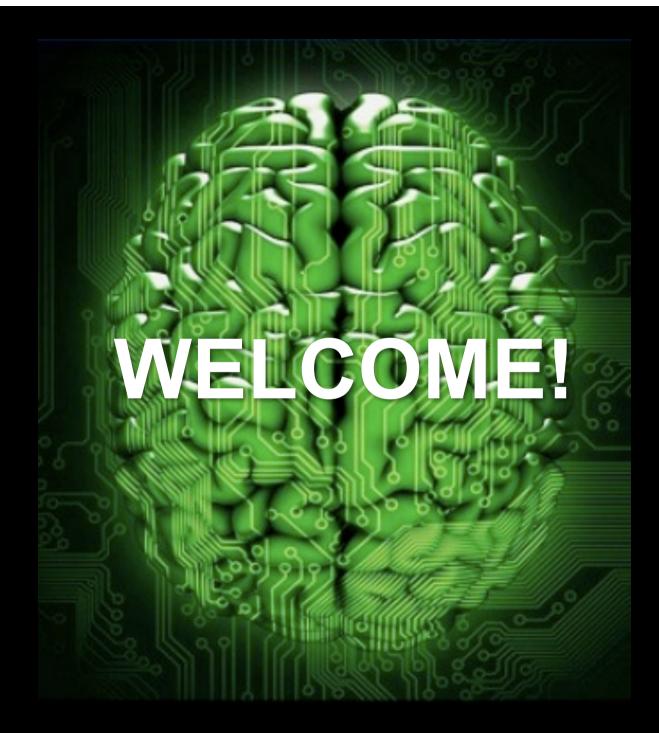


INTRODUCTION – 2018

ANDERS J JOHANSSON







Teachers





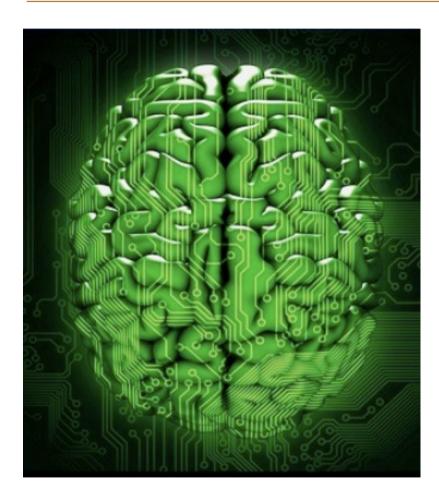




- Palmi Thor Thorbergsson
 - Assistant Researcher at Neuronano Research Center
 - Lab/excercise responsible
- Ulrike Richter
 - Assistant Researcher in Integrative Neurophysiology
 - Course responsible
- Anders J Johansson
 - Assistant Professor in Radio Systems
 - Course responsible
- Joel Sjöbom
 - Lab assistant



Course in short



- 7.5 HP
- 14 Lectures, including
 - 3 Guest lectures
 - 26/2 mandatory (mini-workshop)
- 4 Hand in excercises
- 1 Project report
- 1 Project presentation

Grade: Pass / Fail



elearning.eit.lth.se

- Using Moodle software
- Lecture notes
- Instructions and material for excercises
- Hand in of excercises
- Hand in of project report
- Discussion forums
- Links to book etc.





Important for exercises

- Are handed out on Thursdays after the lecture.
 - First one on the 18 January.
- Can be done on own computer, or the computers in the lab when they are available.
- Supporting voluntary lab time on Tuesdays, 8-10 am in E:4119/E:4121.
- Login: Use your Lucat-ID
- Deadline for hand-in on Thursdays at 12:00 in Moodle.



Important for project

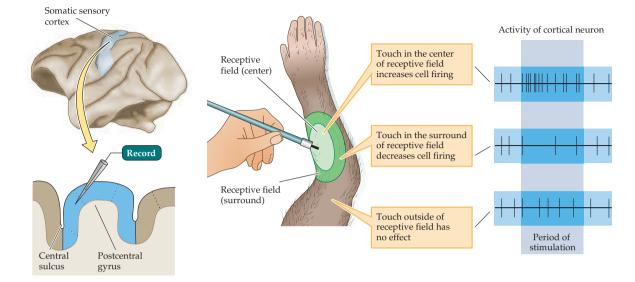
- 15/2 Hand-out of projects
- 16/2 Submit choice of project
- 21/2 Submit outline of project
- 1/3 One-minute presentation
- 4/3 Hand-in of report for peer review
- 6/3 Hand-in of peer review
- 8/3 Hand-in of final report, together with response to peer review
- 15/3 Reports given back
- 21/3 Hand-in corrected report

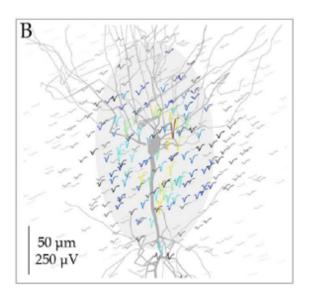
LUND UNIVERSITY

19-23/2 Sportlovet...

Project overview

- Projects are done in pairs
- Different projects to choose from





Each project comes with

- Background description,
- Literature references
- Instructions to get started



Written report

- 4-6 pages
- A short but informative title
- Organized into the following sections:
 - Introduction
 - Methods
 - Results and discussion
 - References
- More details later!



Peer-review process

- Peer review: You will read and comment on one report, and another group will read your own.
 - The comments are a good support to make your own report better.
- Revised report handed in to course responsible by moodle.
- Point by point answers to peer review comments also to be handed in!
- More details later!



1 minute presentation!

- Max 60 seconds!
- Only one powerpoint slide!
- Type of "Elevator pitch"

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Books

- Neuronal Dynamics
 - W. Gerstner, W. M. Kistler, R. Naud, L. Paninski
 - Free on the web: <u>http://neuronaldynamics.epfl.ch/index.html</u>
- Principles of Computational Modelling in Neuroscience D. Sterrat, B. Graham, A. Gillies, D. Willshaw
- Theoretical Neuroscience P. Dayan, L. F. Abbot

