Lab Rotation
Lab Rotation

im Master-Studiengang Computational Neuroscience
Master Program Computational Neuroscience

1. Anmeldung / Application

Name des Studierenden:
student's name:

Matrikelnummer:
matriculation number:

Name des Betreuers:
supervisor's name:

Adresse des Betreuers:
supervisor's address:

Titel der Lab Rotation:
title of lab rotation:

BCCN-Betreuer (für externe Lab Rotations):
name of BCCN supervisor (for external Lab Rotations):

Kurzbeschreibung angefügt:
short description attached:

Schwerpunkt   experimentell
focus: experimental

theoretisch
theoretical

Angestrebter Zeitraum:
envisaged time period:

Project proposal und Zeitplan angenommen, „Guidelines" (Seite 3) zur Kenntnis genommen:
Project proposal and work schedule approved, „Guidelines" (p. 3) read:

_____

Datum, Unterschrift des Antragstellers
date, signature student

_____

Datum, Unterschrift des BCCN-Betreuers
date, signature head supervisor

_____

Datum, Unterschrift des zuständigen
Prüfungsausschusses
date, signature head of examination committee

2. Bewertung des Berichtes und der Präsentation / Evaluation of project report and presentation

Name des Studierenden:
student's name:

Titel der Lab Rotation:
title of lab rotation:

Bewertung des Berichtes   bestanden   nicht bestanden
Evaluation project report: passed   not passed

Prasentation fand statt an
Project presentation took place at

Ort / location

am
on the

Datum / date

Bewertung der Präsentation: bestanden   nicht bestanden
Evaluation project presentation   passed   not passed

_____

Datum, Unterschrift, Stempel des BCCN
Betreuers
date, signature, seal of the BCCN supervisor

Lab Rotation Guide

General facts

The curriculum comprises three lab rotations. At least one project should have an experimental focus, at least one project a theoretical focus. A theoretical lab rotation consists of a modeling task or an extended data analysis; a simple data analysis does not count as a theoretical lab rotation. Each project shall be completed in a different working group of the Center.

In agreement with her/his mentor and the future supervisor of the project, the student will determine the topic and work schedule. Topic and work schedule must be approved by the examination board, whereby – as a general rule – the student's proposal should be complied with.

The head of the examination board can approve all project proposals except those where he is the supervisor or the mentor. In such cases, the vice-head can approve the proposals.

Students should not be paid for the work on their lab rotation. However, work done as a student research assistant can be used for a lab rotation.

TU examination office

Lab rotations are 'Study achievements equivalent to the examination'. They can be registered with the TU examination office after the achievements have been accomplished. Students have to submit the Form for the registration of Lab Rotations (Laufzettel for the Examination Office) completed with the signatures of all supervisors and of the person responsible for the module.

Teaching and Learning Methods

The students will work on original publications (in English) and prepare a 'project proposal' under supervision. They will work on the scientific question, write a report and present the results in an oral presentation.

Workload and Credits

Literature research and 'project proposal': 60h (corresponds to 1,5 weeks @ 40h/week)
Work on scientific project: 150h (corresponds to 4 weeks @ 40h/week minus 10 hours)
Presentation and project report: 60h (corresponds to 1,5 weeks @ 40h/week)
Total: 270h / 9 credit points

Evaluation of the project report and project presentation

The project report shall be corrected by the supervisor. It shall be written according to the "Guidelines for Writing a Scientific Report"; maximum length is eight pages. The student should be given the opportunity for corrections of the project report according to the supervisor's comments. The student is given one month to complete the report after the project is finished. The examination board can grant an extension upon request. Alternatively, it is allowed to prepare a poster instead of one of three lab rotation reports, according to the prior agreement with the lab rotation supervisor. Students are welcome to present their posters at the annual lab rotations symposium for BCCN master students.

The project presentation shall take place during a lab meeting of the supervisor's group.

The project will be assessed by the supervisor and will be graded as 'pass' or 'fail'. A written assessment is not required. A copy of each written LR reports must be submitted to the coordination office (either as pdf or as hard copy).

If the lab rotation is done **outside the Center**, the mentor is responsible for choice of the project topic, the work schedule, as well as the assessment of the project report. In agreement with the mentor another supervisor of the BCCN can be appointed for supervision of the external lab rotation.