Brain Meeting at the CHUV Location and time:

CHUV PMU conference room Andros, 3:30 – 5:00 pm every Friday.

Project Presentations:

This is an opportunity for a researcher to propose a planned neuroimaging study and get feedback from all present researchers. The goal is to maximize the chance that the proposed project will answer the specified research question. The Project Presentation is mandatory for MRI projects previewed for LRENs 3T scanner.

Duration of the presentation is 10 minutes followed by a discussion of 10 minutes. Each imaging project is presented (ideally before data acquisition) to review and discuss planned imaging studies together with other researchers. The purpose of the presentation is to identify any limitations of the study and suggest amendments to the protocol. A project presentation should focus on experimental design, acquisition parameters, and data analysis. The presentation is not meant as a forum for motivating or discussing the conceptual basis of a project. Rather, the question answered at the meeting is: "Are the proposed methods adequate to investigate the research question?".

Guidelines for the Project Presentation:

· Present your proposed study in a talk of 10 minutes and allow time for a 10 minute discussion.

· Present just the very essential background information. · What is your research question? · What is your experimental design? · What are the acquisition parameters?

· How many and what kind of subjects do you need?

· How many hours of equipment usage is expected?

· What are the hypotheses? Which tests will you use to address them? What is the expected outcome of test (e.g. in terms of anatomical location, time course, etc.)?

· The discussion will focus on methodological aspects (i.e. potential confounds in the design, potential difficulties with proposed analyses, suggestion for alternative acquisition parameters, etc.)

· Please ensure that your supervisor and important local collaborators can attend as well.

Methods Presentations (20 min):

This is an educative opportunity for the neuroscience community to learn from a researcher with a particular methodological expertise in data acquisition, data processing, or statistical analysis. For example, the speaker may present on specific topics such as BOLD imaging at 7T, probabilistic diffusion tractography, multivariate analysis, functional retinotopic mapping, etc. The goal is to educate potential new users of the methodology and should comprehensible to a broad audience including students. It is meant to be interactive allowing for questions throughout the presentation.

Methods Presentations are encouraged to include:

· essential theoretical and practical background · examples based on real data · useful tips for actual usage and avoiding pitfalls · strengths and limitations of the method

· time for interactive questions

· if desired, Methods slides may be posted on our website for future reference to the community

Science Presentations (20 – 45 min):

Here, the goal is to present completed or near-completed studies with conclusive findings. This is to distinguish these presentations from the early-stage Project Presentations. Studies may be previously published, presented at conferences, etc.

For all Presentation types:

Related presentations can be scheduled together on the same day. For example, if a particular methodology is used in the study presented in the Science Presentation we encourage another member of the research team to give a Methods presentation on the topic. Presentations will be in English. Please send the title of the project and the names of all collaborators to LREN (lreninfo@gmail.com) the week before the meeting. You may also send an abstract (<150 words) if you feel that your title is not self- explanatory. Also, please send copies of relevant papers. The schedule, with titles and links to papers, will be posted online. We will send announcements to everyone on Monday evenings.