1st Swiss Computational Neuroscience Summer School

One-week intensive summer school at the FMI, Aug 19 – 23, 2013

This course introduces central topics of computational neuroscience. The lectures focus on mathematical concepts from dynamical systems, information theory and signal processing and their application to neuroscience. Besides the lectures there will be extended hands-on sessions and exercises with experimental data. The course is designed for graduate students and postdocs from a variety of fields, including biology, physics and computer science.

Key topics: Neural Coding, Information Theory, Dynamical Systems, Signal Processing, Estimation Theory

Course Organizer
Rainer Friedrich, FMI Basel

Lecturers
Yael Bitterman, Hebrew University
Felix Franke, ETH Zurich
Richard Hahnloser, ETH Zurich
Gilad Jacobson, FMI

Venue
Friedrich Miescher Institute for Biomedical Research
Maulbeerstr. 66, 4058 Basel
Room 5.30

Registration
Opening: July 08, 2013
Application deadline: July 22, 2013
The number of participants is limited to 25 students.

www.fmi.ch/courses/comp.neuroscience