

$$T(x) \cdot \frac{\partial}{\partial \theta} f(x, \theta) dx = M \left(T(\xi) \cdot \frac{\partial}{\partial \theta} \ln L(\xi, \theta) \right)$$

$$T(x) \cdot \left(\frac{\partial}{\partial \theta} \ln L(x, \theta) \right) \cdot f(x, \theta) dx = \int_{R_n} T(x) \cdot \left(\frac{\partial}{\partial \theta} \ln L(x, \theta) \right) \cdot f(x, \theta) dx$$

FMI

Friedrich Miescher Institute
for Biomedical Research

Computational Neuroscience Initiative Basel presents:

Walter Senn | University of Bern, Switzerland

Seminar: 11:30 - 12:30

Cortical microcircuits that implement error-back propagation in the brain

Workshop: 12:45 - 14:15 | Free workshop, lunch provided, please register at www.fmi.ch/CNIB

Lagrangian mechanics describing the dynamics and learning in cortical microcircuits

Friday, December 15, 2017
Room 5.30



Walter Senn's research aims at understanding how complex psychological phenomena – like perception, learning, and memory – can be generated by ensembles of neurons within the brain. His work focuses on the theoretical mechanisms that can support learning, memory, and other phenomena by interactions within networks of neurons.

Please also join us on Thursday, December 14, 2017, 17:30, Room 5.39
For an introduction to "Plasticity rules and learning" from your CNIB Organizers.
All are welcome and encouraged to attend. Pizza and drinks will be provided.

