

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

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

**FMI**

Friedrich Miescher Institute  
for Biomedical Research

Computational Neuroscience Initiative Basel presents:

**Misha Tsodyks** | Weizmann Institute / Institute for Advanced Studies

Seminar: Tuesday, May 25 | 13:00 - 14:00

Workshop: Tuesday, May 25 | 14:15 - 15:30

## Mathematical models of human memory

Please register at [www.fmi.ch/CNIB](http://www.fmi.ch/CNIB)

Tuesday, May 25, 2021

### ***Online seminar and workshop***

Please join us at: [meet.google.com/tfc-qrog-ymu](https://meet.google.com/tfc-qrog-ymu)



Misha Tsodyks's research interest lies in identifying neural algorithms underlying cortical systems and cognitive behavior. He has applied his theoretical insights on a wide range of different computational neuroscience problems, from work on short-term synaptic plasticity and a synaptic theory of working memory, to the role of spontaneous activity in organizing cortical circuits. Most recently, his work has focused on fundamental relationships between memory acquisition and recall in human cognition.

