

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

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

**FMI**

Friedrich Miescher Institute  
for Biomedical Research

Computational Neuroscience Initiative Basel presents:

**SueYeon Chung**

Center for Theoretical Neuroscience  
at Columbia University, New York

Seminar:

**Neural manifolds in deep networks and the brain**

Tuesday, January 19<sup>th</sup>, 2021 at 14:00

please join us online:

<https://meet.google.com/npm-waoa-hyc>



SueYeon Chung studies the intersection of computational neuroscience and deep learning. She is interested in understanding computation in the brain and artificial neural networks by

- 1) analyzing geometries underlying neural or feature representations, embedding and transferring information, and
- 2) building deep neural network models guided by neuroscience.

