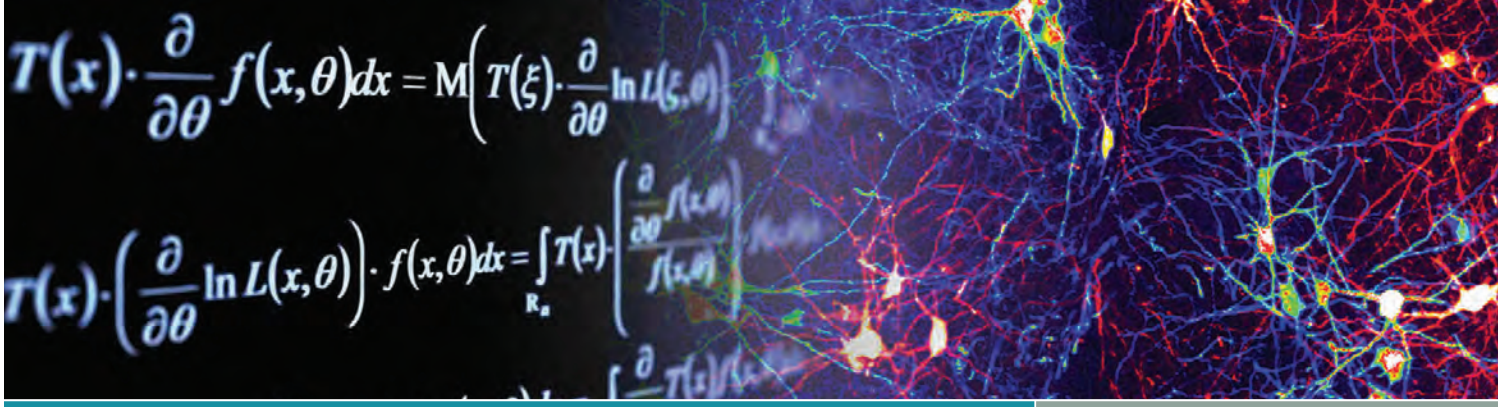


Computational Neuroscience Initiative Basel presents:

CNIB
Computational Neuroscience Initiative Basel

Mark Goldman | UC Davis

Seminar 17:00 - 18:15:

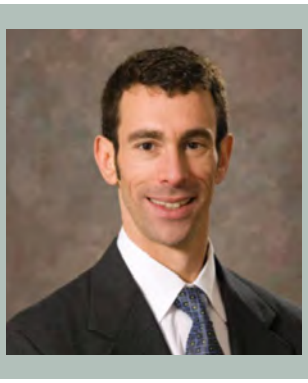
Integrators in short- and long-term memory

Workshop 18:30 - 20:00:

Linear network theory, with applications to memory networks

Tuesday, June 7th 2022

online on Zoom:
https://fmi.zoom.us/j/92017293294?pwd=MkJjVERONlhyWDIvdU11YWsxbjVoQT09 (seminar)
https://fmi.zoom.us/j/92308267277?pwd=cEVMSXl5cExnMjUwWFFvLzQ0TDVtQT09 (workshop)



In his research, Mark uses computational models to bridge the gap between the activity of single neurons and functional output of neurobiological networks. His models have addressed a variety of network functions, such as persistent neuronal activity in working memory networks, cerebellar control of oculomotor responses, or the role of oscillations in short-term memory storage.

Mark is a professor at the UC Davis Center for Neuroscience, where he holds the Joel Keizer Chair in Theoretical and Computational Biology.

FMI Friedrich Miescher Institute for Biomedical Research

IOB Institute of Molecular and Clinical Ophthalmology Basel

neurex neuroscience upper rhine network

Interneuron

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Affiliated Institute of the University of Basel