ELSC Seminar: Jason Christie

October 29, 2015

On the topic of "Compartmentalized signalling in the mouse cerebellum"

ELSC cordially invite you
to the lecture given by:

Jason Christie
Max Planck Florida Institute for Neuroscience

On the topic of "Compartmentalized signalling in the mouse cerebellum"

The lecture will be held on Thursday, October 29, 2015
at 17:00, at ELSC: Silverman Bldg., 3rd Wing, 6th Floor, Edmond J. Safra Campus

Light refreshments at 16:45

Abstract:

The cerebellum is engaged during the learning and execution of motor programs allowing for efficient movement, in part, by calibrating sensorimotor relationships through plasticity within its circuits. Although this process is understood broadly, fundamental features of cerebellar-dependent motor learning remain elusive. For example, at what scale are neural signalling features represented in the cerebellum and how are they refined in individual neurons to allow for alteration of motor output in terms of movement amplitude and timing? In this seminar, I will present our recent work in mice examining the compartmentalized representation of cellular activity in ensembles of neurons as well as in individual cells.
Learn more about our exciting upcoming events!

read more
Studying at ELSC

Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

read more
The Building

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

read more
ELSC Media Channel

Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.

read more

Source URL: https://elsc.huji.ac.il/content/elsc-seminar-jason-christie