ELSC Seminar: Moshe Abeles

October 30, 2014

On the topic of: ?Sequence of cortico-cortical interactions specific to a cognitive process?

ELSC cordially invite you

to the lecture given by:

Prof. Moshe Abeles
The Hebrew University and Bar-Ilan University

On the topic of:

?Sequence of cortico-cortical interactions specific to a cognitive process?

The lecture will be held on Thursday, October 30, 2014
at 17:00, at ELSC: Silverman Bldg., 3rd Wing, 6th Floor, Edmond J. Safra Campus

Light refreshments at 16:45

Abstract:

Working hypotheses:
1. A cognitive process is carried through a sequence of cortico-cortical interactions.
2. The cortical locations and timing of the sequence are specific to the cognitive process.
3. When a cortical region becomes engaged in a new process there is a brief increase in its activity.

The talk will illustrate how such phenomena may be detected in recordings of the human brain activities.
Provide experimental support to the above hypotheses, and illustrate how such specific sequences may be detected.

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