

Computational Approaches to Cognitive Function

9:30 M. SHADLEN

University of Washington Medical School
Believing and Time: A Neural Mechanism for Decision Making

10:30 C. MACHENS

École normale supérieure
Ramping Activity is Inefficient for Interval Timing

11:00 J.-P. NADAL

École normale supérieure; École des hautes études en sciences sociales
Perception of Categories: From Coding Efficiency to Reaction Times

11:30 Coffee

11:45 S. DENÈVE

École normale supérieure
Bayesian Decision Making in Two-Alternative Forced Choices

12:15 B. GIRARD

Université Pierre et Marie Curie
Modeling the Role of the Basal Ganglia in Action Selection

12:45 S. WIENER

Collège de France
Neural Bases of Learning

13:15 Lunch

14:30 J. P. O'DOHERTY

Trinity College; California Institute of Technology
Functional Neuroimaging of Human Decision Making: From Simple Choice to Social Interactions

15:30 M. PESSIGLIONE

Université Pierre et Marie Curie; Institut du Cerveau et de la Moelle Épinière
Neural Implementation of Reinforcement Learning Models: Insights from Neuroimaging and Patients

16:00 M. KERAMATI

École normale supérieure
Principled Arbitration Between the Habitual and Goal-directed Processes

16:30 Coffee

16:45 E. PROCYK

Stem Cell and Brain Research Institute, Inserm
Neuronal Dynamics Within and Between Lateral and Medial Prefrontal Cortices

17:15 M. KHAMASSI

Stem Cell and Brain Research Institute, Inserm
Integration of Reinforcement Learning and Task Monitoring in the Prefrontal Cortex

17:45 E. KOEHLIN

École normale supérieure
Learning and Cognitive Flexibility: A Theory of Human Executive Functions

30 April 2010

salle de projection Jules Ferry
29 rue d'Ulm
75005 Paris

coffee and lunch provided

