International Symposium on Prediction and Decision Making 2015
予測と意思決定 国際シンポジウム
2015.10.31(Sat) – 11.1(Sun)
Koshiba Hall, The university of Tokyo 東京大学 小柴ホール

参加費
無料

Day1: October 31st

Opening remark: Kenji Doya 9:00- 9:20

Neural Circuit for Decision Making 9:20-12:20

Robert Malenka

Exploring circuits underlying reward and aversion

Anatol Kreitzer

Function of Basal Ganglia Circuits in Movement and Action Selection

Bernard Balleine

Inhibition and choice

Catharine Winstanley

The risks of risky choice: what can rodent models of maladaptive decision-making under uncertainty tell us about addiction disorders?

Katsuyuki Kaneda

Neural mechanisms of acute stress-induced enhancement of cocaine craving behavior

Takayuki Teramoto

Whole-brain Ca^{2+} imaging of *C. elegans* to explore the neuronal mechanisms for behavioral choice

Social and Affective Decision Making 15:00-17:40

Toshio Yamagishi

Heuristic and Deliberative Decision Making in Five Economic Games

John O'Doherty

Neural mechanisms underlying learning and inference in a social context

Masahiko Haruno

Brain Response Patterns to Inequity Can Predict Long-term Changes in Depression Tendency

Satoshi Umeda

Probabilistic decision making and autonomic nervous activities

Takafumi Minamimoto

The role of dopamine and serotonin in value-based decision-making in normal and disease state

Hitoshi Okamoto

Control of Social Aggression by the Habenula

Special Lecture 18:00-19:00
Wolfram Schultz

The dopamine reward utility signal and its two components

Day2: November 1st

Model-based Decision Making 9:00-12:40

Nathaniel Daw

Model-based decision making and compulsion

Masamichi Sakagami

Functional difference of reward inference in the lateral prefrontal cortex and the striatum and its integration

A.David Redish

Interactions between decision-making systems - implications for behavioral economics

David Foster

Hippocampal place-cell sequences for learning and decision-making

Sophie Deneve

Spike-based Population Coding and Bayesian Inference

Akihiro Funamizu

Neural substrate of Bayesian dynamic filter in posterior parietal cortex

Yu Ohmura

Optogenetic control of central serotonergic neurons affects impulse control and model-based decision making

Akio Namiki

A decision-making algorithm for an air-hockey robot depends on its opponent player's motions

Computational Psychiatry 15:20-18:30

Read Read Montague

A superposition of errors: sub-second dopamine fluctuations in human striatum encode superposed error signals about actual and counterfactual reward.

Mitsuo Kawato

Psychiatric disorders as dynamic diseases

Mathias Pessiglione

Why don't you make an effort? Computational dissection of motivation disorders

Michael J. Frank

What do you do when you don't know what to do : Probing for informativeness on latent states during value-based decision making

Hidehiko Takahashi

Flexible modulation of risk attitude during decision-making under quota and its impairments in gambling disorders

Prediction & Decision Making

参加ご希望の方は、予測と意思決定ホームページよりお申し込みください。
Web: http://www.decisions.jp 申込締切10月23日（金） 皆様のご参加をお待ちしております。