

Decision-making: From molecular to cognitive neuroscience

Friday 24 June 2022, Sainsbury Wellcome Centre, London

Program

9:00-9:10	Introduction to the event/organizers
9:10-9:40	Athena Akrami (Sainsbury Wellcome Centre, UCL): How does sensory statistics matter for the decision?
9:45-10:15	Wolfram Schultz (Department of Physiology, Development and Neuroscience, University of Cambridge): Neuronal signals for multi-component choice options
10:20-10:50	Coffee Break
10:50-11:20	Benedetto de Martino (Institute of Cognitive Neuroscience, UCL): Goals, usefulness and abstraction in choice
11:25-11:55	Miguel Maravall (School of Life Sciences, University of Sussex): Neural selectivity induced by habitual sequence discrimination in the mouse somatosensory and posterior parietal cortex
12:00-12:30	Yoh Isogai (Sainsbury Wellcome Centre, UCL): Mate, rival, or offspring: molecular and neural sensing of social cues underlying innate social decisions
12:35-14:00	Lunch Break
14:00-14:30	Ole Paulsen (Department of Physiology, Development and Neuroscience, University of Cambridge): Synaptic decision making: Dopaminergic control of hippocampal plasticity
14:35-15:05	Matteo Carandini (Institute of Ophthalmology, UCL): Mouse prefrontal cortex learns to make sensory decisions
15:10-15:40	Coffee Break
15:40-16:10	Armin Lak (Department of Physiology, Anatomy and Genetics, University of Oxford): Dopaminergic computations for learning under perceptual uncertainty
16:15-16:45	Keynote: Tali Sharot (Department of Experimental Psychology, UCL): The value of beliefs
16:50-17:00	Concluding Remarks

Organizers



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