

First Symposium of Emotion and Cognition with Focus on Give up, Perseverance and Strategic Behavior

April 10th, 2025

Meeting Program		
8:00 - 8:30	Gathering and Welcoming	
8:30 - 8:40	Opening	
	Speaker	Talk Title
8:40 - 9:20	Amy Arnsten Academy member, Goldman-Rakic Prize Recipient, School of Medicine, Yale University	Stress and fatigue impair prefrontal cortical function needed for perseverance and higher cognition
9:20 - 10:00	Haruhiko Bito Professor and Chair, Department of Neurochemistry, division of Neuroscience, Tokyo University	Towards understanding complex neural dynamics via multiplex imaging of neuronal activity and signaling
10:00 - 10:15	Coffee break	
10:15 - 10:35	Yue Li State Key Laboratory of Medical Neurobiology, MOE Frontiers Center for Brain Science, Institutes of Brain Science, Fudan University	The Modulation of Persevering Drug Administration by Serotonin
10:35 - 10:55	Rafal Rygula Maj Institute of Pharmacology Polish Academy of Sciences	Modeling Reinforcement-Based Cognitive Biases in Animal Models of Mental Disorders and Addictions
10:55 - 11:15	Yang Yang School of Life Science and Technology, ShanghaiTech University, State Key Laboratory of Advanced Medical Materials and Devices	The posterior parietal cortex mediates rarity-induced decision bias and learning under uncertainty
11:15 - 11:35	Nashat Abumaria State Key Laboratory of Medical Neurobiology, MOE Frontiers Center for Brain Science, Institutes of Brain Science, Fudan University	Behavioral switch from action to no action when facing prolonged uncontrollability or repeated failure
11:35 - 13:00	Lunch break	
13:00 - 13:20	Misha Ahrens Howard Hughes Medical Institute, Janelia Research Campus	Hole-brain and whole-body computations for behavior and physiology
13:20 - 13:40	Wenzhi Sun Chinese Institute for Brain Research, College of Basic Sciences, Capital Medical University	Chronic Stress Reinforces the BLA-mPFC-LHb Neural Circuit Initiating Depression
13:40 - 14:00	Jingfeng Zhou State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University & Chinese Institute for Brain Research, Beijing	Coordinated hippocampal ensemble dynamics underlie reliable representations of perception and memory
14:00 - 14:20	Yu Gu State Key Laboratory of Medical Neurobiology, MOE Frontiers Center for Brain Science, Institutes of Brain Science, Fudan University	SimSort: A Powerful Framework for Spike Sorting by Large-Scale Electrophysiology Simulation
14:20 - 14:40	Wei Lin School of Mathematical Sciences, Research Institute of Intelligent Complex Systems (IICS), Centre for Computational Systems Biology, Fudan University	The Evolution and Regulation of Rhythms in Complex Life Systems
14:40 - 15:00	Bin Min Lin Gang Laboratory	Modeling individual variability of neural computations underlying flexible decisions
15:00 - 15:15	Coffee break	
15:15 - 15:35	Tifei Yuan Distinguished professor and executive dean of the School of Psychology, Shanghai Jiao Tong University	Brain stimulation for drug addiction: targeting the prefrontal cortex
15:35 - 15:55	Fei Li Department of Developmental and Behavioural Paediatric & Child Primary Care, Shanghai Key Laboratory of Children's Environmental Health, Xinhua Hospital, Shanghai Jiao Tong University	Autism Etiology, Early Diagnosis, and Comprehensive Intervention: Translational Research from Bench to Bedside
15:55 - 16:15	Tingyong Feng Department of Psychology Xi Nan University	The Neural Basis and Neuromodulation of Procrastination Decision-Making
16:15 - 16:35	Huiguang He State Key Laboratory of Brain Cognition and Brain-inspired Intelligence Technology, Institute of Automation, Chinese Academy of Sciences	Fine-grained Emotion Neural Encoding and Decoding
16:35 - 16:55	Haiyan Wu Affective, Neuroscience, and Decision-making Lab, Center for Cognitive and Brain Sciences, Institute of Collaborative Innovation, University of Macau	Unethical amnesia brain: Memory and metacognitive distortion induced by dishonesty
18:00	Dinner	