

# CEBSIT/ION Colloquia & Symposia



## 2024.1-2024.12



Date	Name	Affiliation	Title
2024.01.08	Li Bing, Ph.D.	Postdoc	<i>Circuit mechanism for suppression of frontal cortical ignition during NREM sleep</i>
2024.01.11	Jia Liu, Ph.D.	Assistant Professor, Harvard University, USA	<i>Soft and flexible bioelectronics for brain-machine interfaces</i>
2024.01.26	Changyi Jia, Ph.D. 贾怡昌	Professor, Tsinghua University, China	<i>From mouse genetics to neurological disease mechanisms and therapies</i>
2024.01.25	DUAN Feng, Ph.D. 段峰	Professor, Nankai University, China	<i>Brain-Computer Interface and Intelligent Aircraft 脑机接口与智能飞行器</i>
2024.02.02	WEN Quan, Ph.D. 温泉	University of Science and Technology, China	<i>The Geometry and Dimensionality of Population Neural Activity</i>
2024.02.29	YANG Wei, Ph.D. 杨巍	Zhejiang University, China	<i>TRPM2 通道与神经系统疾病</i>
2024.03.13	ALAN KALUEV, Ph.D.	Professor, Xi'an Jiaotong-Liverpool University, China	<i>Zebrafish model, genes, brain and behavior</i>
2024.03.20	YIN Xian-Zhen 殷宪振	Principal Investigator, Lin Gang Laboratory, China	<i>高精度病理图谱构建与分析方法</i>
2024.03.28	Xiangmin Xu, Ph.D. 徐祥敏	Chancellor's Professor, Anatomy & Neurobiology University of California, USA Irvine	<i>Illuminating learning and memory neural circuits in health and disease</i>
2024.04.18	LIAO Wei, Ph.D.	Professor, Univ. of Electronic Science and Technology of China	<i>抑郁症脑影像遗传</i>
2024.04.25	Prof Rui Oliveira	Principal Investigator, The University of Lisbon, Portugal	<i>Of fish and flies: comparative and evolutionary neuroscience of social cognition</i>
2024.04.25	Mai Har Sham , Ph.D.	Professor, Chinese University of Hong Kong, China	<i>Development of sensory and non-sensory structures in mammalian inner ear</i>
2024.04.25	Brian MacVicar	Professor, University of British Columbia, Canada	<i>Impact Of Microglia-Astrocyte Communication On Neuroinflammation, Neuronal Function And Neurodegeneration</i>
2024.04.25	Terrance Snutch	Professor, University of British Columbia, Canada	<i>Contributions of T-Type Calcium Channel Function And Modulation Towards Distinct Types of Epilepsy</i>

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2024.04.25	Martin McKeown	Professor, University of British Columbia, Canada	<i>An Update on Neuromodulation for Brain Disease</i>
2024.05.15	Su Guo	Professor, Univ. of California San Francisco, USA	<i>Comparative insights into behavioral diversity in fish and human populations</i>
2024.05.16	ZHU Huan-Hu	PI, ShanghaiTech Univ.	<i>How specific nutrients determine the fate of animal development—exploration by using the invertebrate C. elegans</i>
2024.05.24	LU Ce-Wu 卢策吾	Professor, Shanghai Jiaotong University	<i>Embodied Intelligence - Perception (P), Imagination (I), Execution (E) PIE framework and Exploration of Embodied Large Mode</i>
2024.06.13	Wenfei Sun 孙文斐	Postdoctoral Fellow, Stanford University, USA	<i>Systems Approaches to Understanding Memory</i>
2024.06.25	WANG Xin, Ph.D. 王鑫	Xiamen University, China	<i>Neuro-immune interactions in the pathogenesis of Alzheimer's disease</i>
2024.06.27	Xin Duan 段鑫	UCSF	<i>PERIVASCULAR RETINAL NEURONS DIRECT 3D VASCULAR LATTICE FORMATION</i>
2024.07.04	Anqi Wu	Assistant Professor, Georgia Institute of Technology, USA	<i>Addressing Challenges in Modeling and Understanding Neural Connectivity with Generalized Linear Models</i>
2024.07.08	Enric Llorens-Bobadilla	Karolinska Institute, Stockholm, Sweden	<i>The latent regenerative potential of the mammalian CNS</i>
2024.07.10	Chengcheng Huang	University of Pittsburgh, USA	<i>Heterogeneity in normalization and attentional modulation in a circuit model</i>
2024.07.11	Moataz Assem	University of Cambridge, UK	<i>A domain-general cognitive core in the human brain</i>
2024.07.12	Kai Hwang, Ph.D.	the University of Southern California and the Chinese University of Hong Kong - Shenzhen	<i>Embodying AI and Robotics with Multi-Mode LLMs to Elevate Digital Economy and Healthcare Industry</i>
2024.07.18	Woo-ping Ge, Ph.D. 戈鸩平	Sr. Investigator, 北京脑科学与类脑研究所 Chinese Institute for Brain Research, Beijing	下联合器 (subcommissural organ): 大脑中谜一样的腺体
2024.07.18	Jie-Min Jia, Ph.D. 贾洁敏	Principal Investigator, Westlake University, China	Synaptic-like transmission between neural axons and arteriolar smooth muscle cells drives cerebral neurovascular coupling
2024.07.19	Rubén Moreno Bote	Center for Brain and Cognition, Universitat Pompeu Fabra, Spain	<i>From reward-based to reward-free behavior: gaze-centered cortical reactivation of offers,</i>

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			<i>and the maximum occupancy principle (MOP) for natural and AI</i>
2024.07.26	金子兵	北京同仁医院	<i>视网膜类器官疾病模型及再生移植研究</i>
2024.07.25	Yavin Shaham	美国国家药物滥用研究所 高级研究员	<i>Relapse after voluntary abstinence: the food and social choice models</i>
2024.07.30	Qing-Hua Liu, Ph.D.	National Institute of Biological Sciences, Tsinghua University, Beijing	<i>Homeostatic regulation of NREM sleep governed by calcineurin in locus coeruleus</i>
2024.08.01	Li Zhang, Ph.D. 张砺	Professor, Univ. of Southern California, USA	<i>Neural circuitry for motivated behavior and dysregulation of brain homeostasis.</i>
2024.08.02	Henry H Yin, Ph.D.	Professor, Duke Univ. USA	<i>The basal ganglia in action</i>
2024.08.08	Mark Reimers, Ph.D.	Associate Professor, Michigan State University, USA	<i>Some population level analyses of coordinated activity in the zebrafish brain and some proposals for faster recording approaches</i>
2024.08.12	Rózsa Balázs, MD, PhD, Physicist	Group Leader, Institute of Experimental Medicine, Hungary	<i>Competition of cortical assemblies during on-demand visual learning in immersive virtual reality.</i>
2024.08.20	YUAN Li, Ph.D.	Research Principal Investigator. University of California San Diego	<i>Investigating sequential firing during working memory retention among the hippocampus, medial prefrontal cortex and medial entorhinal cortex Replication Complex</i>
2024.08.21	Kenneth Harris, Ph.D.	University College London, UK	<i>In vivo activity of transcriptomically identified cortical populations</i>
2024.08.22	Kai Zhang, Ph.D.	Yale University, USA	<i>High-resolution in situ structures of mammalian respiratory supercomplexes</i>
2024.08.23	Shuo Zhou, Ph.D.	University of Sheffield, UK Academic Fellow	<i>Open-source AI for brain, heart, and drug: learning from heterogeneous medical data</i>
2024.08.26	Yue-Qing Peng, Ph.D. 彭岳清	Columbia, USA	<i>Neural circuits of NREM sleep</i>
2024.08.30	Chris Xu	Cornell University, USA	<i>Pushing the limits of multiphoton imaging in living systems</i>
2024.09.10	Gabriel Corfas	College of Medicine, University of Michigan-Ann Arbor, USA	<i>Molecular mechanisms of synapse and myelin development, plasticity, and repair: insights from the inner ear and prefrontal cortex</i>
2024.09.25	Manuel Zimmer	Head of the Department of Neuroscience and Developmental	<i>Neuronal dynamics underlying behavioral response variability during sensorimotor</i>

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		Biology at the University of Vienna, Austria	<i>transformation</i>
2024.09.30	Michael Häusser	Professor of Neuroscience LKS Faculty of Medicine School of Biomedical Sciences The University of Hong Kong  Wolfson Institute for Biomedical Research Gower Street University College London London WC1E 6BT, UK	<i>Illuminating causal links between neural circuit activity and behaviour</i>
2024.10.16	Investigator, 彭勃, peng@fudan.edu.cn (ION Alumni Class of 2011)	Fudan University, China	<i>小胶质细胞的死亡与新生: 从神经系统稳态到疾病治疗</i>
2024.10.15	张晨	首都医科大学 副教授, 校长	<i>Rabphilin-3A undergoes phase separation to regulate GluN2A mobility and surface clustering</i>
2024.10.15	Mickael Tanter	Institute of Physics for Medicine, ESPCI PSL Paris, Inserm, CNRS, Paris, France	<i>Ultrasound in Neuroscience: from Functional Imaging to Read/Write Brain Machine Interfaces</i>
2024.10.24	陈晓科	Stanford University, USA	<i>Circuitry and molecular mechanisms for emotional pain</i>
2024.10.30	Adriano Aguzzi, Ph.D.	Institute of Neuropathology University of Zurich, Switzerland	Functional genomics of the prion life cycle
2024.11.04	Daniel Choquet	Director of the Institute for Interdisciplinary Neuroscience, University of Bordeaux, France	<i>Linking synaptic dynamic nanoscale organization, plasticity and memory</i>
2024.11.04	Françoise COUSSEN	Director of research at CNRS, France	<i>Regulation of Intracellular Transport of AMPA Receptors during basal transmission and LTP</i>
2024.11.08	Zhi-An Hu, Ph.D. 胡志安	Chongqing Institute for Brain and Intelligence	<i>大脑觉醒睡眠周期: 发生与功能</i>
2024.11.11	Karel Svoboda	Allen Institute for Neural Dynamics, USA	<i>Illuminating synaptic learning</i>
2024.11.21	Sadegh Nabavi, Ph.D.	Associate Professor, Aarhus University, Denmark	Synaptic and Cellular Mechanics Underlying Association of Events Separated in Time
2024.11.22	Amar Saha	Professor, Harvard Medical School, USA	Rejuvenating memory circuits to enhance cognition.

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2024.12.05	KUAI Shu-Guang, Ph.D. 蒯曙光 (ION Alumni Class of 2009)	Professor, East China Normal University 华东师范大学	<i>The Neural Mechanisms of Human Social Interaction Perception</i>

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Institute of Neuroscience, CITS