

Educational Neuroscience and AI Workshop and Forum

Venue: MWT6, 1/F, Meng Wah Complex, HKU Main Campus

Programme

Day 1 - Aug 19, 2024 (Monday)

9:40-9:45	Opening Remarks Professor Lo Yuen Yi, Acting Dean, <i>Faculty of Education, HKU</i>	
9:45-11:00	Training Workshop 1: Exploring Real-World Learning Through Multimodal Neurophysiological Measurements: Insights From School and Laboratory Settings	Speaker: Dr. Chen Jingjing, <i>Tsinghua University</i> Chair: Professor Ouyang Guang, <i>Faculty of Education, HKU</i>
11:00-11:30	Coffee Break	
11:30-12:45	Training Workshop 2: Contrastive Learning of Shared Spatiotemporal EEG Representations Across Individuals for Naturalistic Neuroscience	Speaker: Dr. Shen Xinke, <i>Southern University of Science and Technology (SUSTech)</i> Chair: Professor Dinglan Tang, <i>Faculty of Education, HKU</i>
12:45-14:15	Light Refreshment	
14:15-15:30	Training Workshop 3: The Pitfalls of Machine Learning in EEG Emotion Classification	Speaker: Mr. Zhou Xinliang, <i>Nanyang Technological University (NTU)</i> Chair: Professor Cao Fan, <i>Department of Psychology, HKU</i>
15:30-15:45	Break	
15:45-17:30	Keynote Talk 1: Inter-brain Coupling for Learning in Real Classroom Settings	Speaker: Professor Zhang Dan, <i>Department of Psychological and Cognitive Sciences, Tsinghua University</i> Chair: Professor Shelley Tong, <i>Faculty of Education, HKU</i>
17:30-18:30	Individual Consultation Meetings with Individual Speakers	

To register, please click the link below:

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Day 2 - August 20, 2024 (Tuesday)

9:30-10:45	Training Workshop 4: Top-student-Referenced Evaluation of Individual Mathematical Problem-solving Ability Using Inter-subject Correlation Analysis of Eye Movement Trajectories	Speaker: Dr. Hao Sijia <i>Tsinghua University</i> Chair: Professor Shihui Feng <i>Faculty of Education, HKU</i>
10:45-11:15	Coffee Break	
11:15-12:45	Roundtable Panel Discussion 1 Topic: The Application of Multimodal Neurophysiological Measures in Classroom Settings Chair: Professor Ouyang Guang, <i>Faculty of Education, HKU</i> Panelists: Dr. Chen Jingjing, <i>Tsinghua University</i> Dr. Hao Sijia, <i>Tsinghua University</i> Dr. Shen Xinke, <i>Southern University of Science and Technology (SUSTech)</i>	
12:45-14:15	Light Refreshment	
14:15-15:30	Keynote Talk 2: Assistive Hearing Technology: Innovations From Psychoacoustics To Brain-Computer Interface	Speaker: Professor Chen Fei <i>Southern University of Science and Technology (SUSTech)</i> Chair: Professor Xiaoqing Hu, <i>Department of Psychology, HKU</i>
15:30-15:45	Break	
15:45-16:45	Roundtable Panel Discussion 2 Topic: Impacts of Educational Neuroscience and AI on Teaching and Learning Practices Chair: Professor Shelley Xiuli Tong, <i>Faculty of Education, HKU</i> Panelists: Professor Alec Kirkley, <i>Institute of Data Science, Department of Urban Planning and Design, HKU</i> Professor Dan Zhang, <i>Tsinghua University</i> Professor Felix Chen, <i>University of Science and Technology</i>	
16:45 -18:30	Individual Consultation Meetings with Individual Speakers	

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