



香港大學教育學院溝通、發展與資訊科學部
Human Communication, Development, and
Information Sciences, Faculty of Education
The University of Hong Kong
Speech, Language & Reading Lab



2 NOV (THU)

12:45- 2:00PM

**Venue: Room 408-410,
Meng Wah Complex, HKU
Chair: Prof. Shelley Tong**



Prof. Liqiang HUANG

Visual Attention and Perception Laboratory
Department of Psychology
The Chinese University of Hong Kong

TRANSITIONING FROM TRADITIONAL PSYCHOLOGICAL STUDIES TO LARGE-SCALE EXPERIMENTS

ABSTRACT

Over the past 20 years, I have been using a theory-driven experimental design to study perception and cognition. In recent years, I have gradually realized that actual situations are often very complex and cannot be accurately described by simplified concepts in usual experimental studies. In response, I am now trying to combine large-scale experiments with machine learning to comprehensively explore a cognitive task. This method can provide a wealth of new information, enabling us to establish a preliminary overarching framework. Based on my experience and other research in the field, I believe that large-scale experiments are a potential new direction for in-depth cognitive research.

ABOUT THE SPEAKER

Liqiang Huang is a professor in the Department of Psychology at the Chinese University of Hong Kong. He earned his Ph.D. in Experimental Psychology from UC San Diego. Currently, his research focuses on analyzing various aspects of human cognition through the use of large-scale online experiments, machine learning, and conceptual models.

All are welcome

For enquiries, please contact the Speech, Language & Reading Lab at slarlab.shs@gmail.com