



College of Liberal Arts  
and Social Sciences

香港城市大學  
City University of Hong Kong

## CLASS RESEARCH CLUSTER **BRAIN, BEHAVIOR, AND SOCIETY**

### **Research and real-world applications of EEG**

**Dr. Evan Susanto**  
Regional Manager (SEA)  
& Senior Application  
Specialist at ANT Neuro



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#### **To register, please visit:**

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#### **Biography:**

Dr. Evan Susanto is an experienced biomedical engineer and regional manager specializing in neuroscience, neurotechnology, and medical device regulatory affairs. With a PhD in Biomedical Engineering, his expertise spans across neuroscience, EEG/EMG signal processing, and robotic-assisted neurorehabilitation, with a strong focus on applications in neurology, psychiatry, and psychology.

**Date:** 8th January, 2026

**Time:** 10:00 am – 12:00 noon

**Venue:** LI-6376, Li Dak Sum Yip  
Yio Chin Academic Building

**Format:** Brown Bag Meeting - Prof.  
Ashley LEWIS (LT) and  
Prof. Shanshan ZHEN (SS)  
will lead the discussion

#### **Abstract**

*Electroencephalography (EEG) is a powerful tool for measuring electrical activity in the human brain. Such signals have been used for decades to investigate a variety of cognitive and other functions. EEG has also been shown to provide sensitive biomarkers that can be informative as complementary dependent variables in social sciences research. This interactive brown bag session will introduce the basics of EEG, and outline how cutting-edge developments in the technology can, and have been harnessed in both research and real-world applications.*