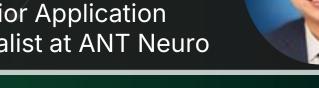


CLASS RESEARCH CLUSTER BRAIN, BEHAVIOR, AND SOCIETY

Research and real-world applications of EEG

Dr. Evan Susanto

Regional Manager (SEA) & Senior Application Specialist at ANT Neuro



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