CEBSIT / ION • Lab of Comparative Psychobiology • Technology Forum

2021.6.17 16:00 – 17:00 *Meeting Room 427*

In Search of Brain Networks from Bench to Bedside — The Applications of High-Density EEG

Weizhong He (贺威忠)
MagstimEGI China

Increasing evidence suggests that brain functions are derived from highly specified and spatially segregated networks in the nervous system. Identifying normal and pathological functional networks from neurophysiological data has become one of the most promising fields.

Using up to 256 electrodes evenly spaced over the entire scalp, cheeks, and back of the neck, HD EEG provides dense and even sampling, allowing researchers and clinicians to detect brain activities at high spatial resolution and further supporting the search of brain networks in the lab and at the bedside.