



Sciences of Learning Strategic Research Theme



Research Workshop:

fNIRS Brain Imaging

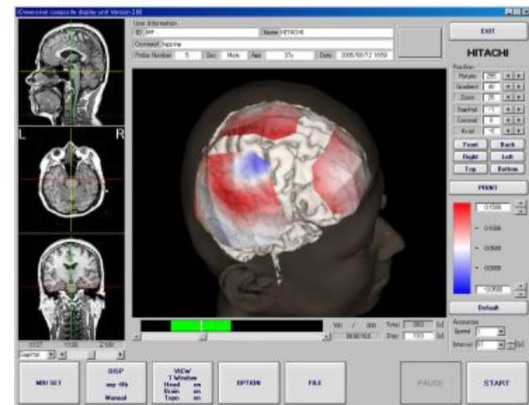
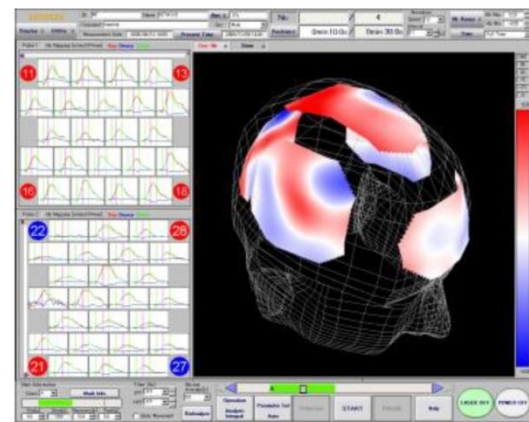
Speaker: Dr. Joerg Schnackenberg, Hitachi Medical Corporation

Date: 3 Feb 2015 (Tues), Time: 10:00 – 16:00

Venue: Room 703, 7/F, Meng Wah Complex, HKU

Please register at <http://sol.edu.hku.hk/fnirs-registration/>

Limited quota.



Description:

Functional Near-Infrared Spectroscopy (fNIRS) is a non-invasive, non-ionizing, optical method to measure cerebral cortex hemoglobin concentration responses to brain function in humans. Research on fNIRS brain imaging is rapidly growing worldwide; the number of publications has doubled every 3.5 years over the past 20 years since the feasibility of fNIRS for functional brain imaging was first reported in 1993, which reflects the increasing number of scientists and clinicians utilizing fNIRS for a broad range of research in neuroscience. The workshop covers the fundamentals of fNIRS brain imaging and offers hands-on experience in its application. Workshop topics include: the principles of fNIRS for brain imaging, fNIRS experiments demonstration, fNIRS data collection and analysis. The workshop is geared toward end users in research areas such as educational neuroscience, cognitive neuroscience, clinical neuroscience, social neuroscience, human-machine interface, and neurorehabilitation.

Register Now!



Should you have any enquiries, please contact Dr Frank Zhu (ffzhu@hku.hk).