

Thursday, August 1, 2013

Workshops for TNS Members

12:00-13:00	Registration	
13:00-16:00	<p style="text-align: center;"><u>Workshop I</u></p> <ul style="list-style-type: none">• Transcranial Magnetic Stimulation (TMS):<ul style="list-style-type: none">○ Applications for Neurorehabilitation, Diagnosis, Treatment and Potential Research• Transcranial Magnetic Stimulation (TMS):<ul style="list-style-type: none">○ Application	Jarugool Tretriluxana Keiichi Kitajo
13:00-16:00	<p style="text-align: center;"><u>Workshop II</u></p> <ul style="list-style-type: none">• Recording EEG and ERP by Neuroscan: ERP study in epileptic patients<ul style="list-style-type: none">• Brief introduction and explanation of the principle of EEG recording (5 minutes)<ul style="list-style-type: none">- Introduction to the brain wave recording machine [SCAN & STIM] (7 minutes)- Apply Electro-Cap and EEG jelly to volunteer* (40 minutes)- EEG recording during eye-closed and eye-opened conditions* (10 minutes)- Visual inspection of the raw EEG data* (5 minutes)- Quantitative analysis of EEG raw data via FFT* (20 minutes)- Discussion of result (5 minutes)	Vorasith Siripornpanich <i>Kwanrutai Sampoon</i>
	Break (5 minutes)	
	<ul style="list-style-type: none">• Brief explanation of the principle of ERP recording (8 minutes)<ul style="list-style-type: none">- How to set the ERP paradigm (10 minutes)- Set up the oddball paradigm* (20 minutes)- ERP recording with oddball paradigm* (10 minutes)- Behavioral analysis of ERP data* (10 minutes)- Analysis of ERP waveform in target and non-target conditions* (15 minutes)- Discussion of result (5 minutes)- Q & A (5 minutes) <p style="text-align: center;">“laboratory demonstration”</p>	Vorasith Siripornpanich <i>Kwanrutai Sampoon</i>