

Free Vendor Seminars Monday, September 7, 2009

VS 1: BrainMaster Basic to Advanced Full-Day Seminar (8 Hours)

BrainMaster Technologies, Inc.

Thomas Collura, Ph.D., BrainMaster Technologies, Inc., tomc1@brainm.com

This full-day vendor's workshop will cover the use of BrainMaster EEG and peripheral biofeedback hardware and software. It will quickly cover the basics of setting up training folders and designing protocols. It will cover all aspects of EEG biofeedback including basic, multichannel, connectivity, and Z-Score training. Demonstrations will include EEG, HEG, temperature training, and DC and Slow Cortical Potentials. Control of realworld devices using the BrainTrack interface will also be explained. Use of the Event Wizard to design protocols and control events will be shown.

VS 3: Mitsar/HBI-Med User Meeting (8 Hours)

Institute of the Human Brain

Juri Kropotov, Ph.D., jdkropotov@yahoo.com

Andreas Mueller, Ph.D., andreas_mueller@swissonline.ch

The goal of the workshop is to teach attendees how to use a newly developed methodology for assessment brain disorders. The methodology has been developed at the Human Brain Institute in St. Petersburg and is expressed in WinEEG software for data analysis and HBI-med reference database. The attendees are required to bring laptops with them. At the workshop the attendees will be supplied by an educational software and EEG files from the HBI (Human Brain Index) reference database. The main topics are: artifact correction, automated spike detection, spectral and coherence analysis of EEG, comparing spectral characteristics of recorded EEG with the normative data of the HBI reference database, event related potentials (ERPs) as markers of stages of information flow in the brain, theoretical basis of Independent Component Analysis and its application to ERPs, association of ERPs components with functioning of brain systems, reflection of dysfunctioning of brain systems in ERPs components. Examples of QEEG/ERP of patients with ADHD, dyslexia, autism, schizophrenia, OCD, depression, traumatic brain injury, stroke will be presented.

VS 4: New Features and Applications of BioGraph Infiniti Version 5.0. (8 Hours)

Thought Technology Ltd.

Marc Saab, M.Eng, marc@thoughttechnology.com

Didier Combatalade, D.C., research@thoughttechnology.com

BioGraph Infiniti version 5.0 includes the most comprehensive set of EEG-related features and applications in the neurofeedback market. Along with the new Quick Start feature, the only one of its kind, BioGraph Infiniti offers unparalleled feedback

training and data processing possibilities. With the largest library of algorithms and computations, as well as its exclusive safety and reliability features, such as pause on-disconnect and in-session impedance checking, BioGraph Infiniti remains at the top of its class.

For your benefit, many applications using these leading edge EEG features are being developed by the leaders in the field for use with our Infiniti product line.

Come and discover the latest features of the most advanced and widely used neurofeedback system in the world:

BioGraph Infiniti version 5.0 is fully compliant with Windows Vista and comes with the new Quick Start function for one-touch session recording! Also includes dual webcam audio/video support, increased right-click features, and much, much more.

Z Score Mini Suite offers 2 and 4-channel real-time Z Score training using NeuroGuide's normative database. Metrics include: single Z Score value, Z Score Index, coherence, phase, amplitude asymmetry, relative power, absolute power and power ratios for different frequency bands. Change settings on the fly using easy graphical interface. Benefit from many standard BioGraph features such as DVD feedback, colorful single and dual monitor screens, built-in statistics and report screens, and BioGraph's newest feature: Quick Start!

4 Channel EEG Connectivity Kit, ideal for 2 or 4 channel Z Score or any other multiple channel EEG applications, to measure up to 4 channels of EEG with common reference and ground. Fast easy hookup with less connections and more accurate measurements.

VS 5: QEEG Interpretation Strategies (8 Hours)

New Mind Technologies

Richard Soutar, PhD drs@newmindcenter.com

This free workshop will review strategies for interpreting qEEG that will be of interest to beginner and intermediate NFB practitioners as well as experienced practitioners interested in venturing into qEEG in order to track client improvement. qEEG is a wonderful objective method to demonstrate to clients change due to NFB training. When combined with symptom tracking it is even more informative and valuable for assessment and progress evaluation. We will be explaining the basics of qEEG with lots of pictures and user friendly discussions about the different dimensions of qEEG analysis. Come visit and watch us take the mystery out of qEEG.

VS 6: Deymed Product Seminar: TruScan 32 and BrainFeedback System (8 Hours)

Deymed Diagnostic

Douglas Youngberg, douglas@deymed.com

This seminar will cover the TruScan 32 qEEG-Neurofeedback System as well as the BrainFeedback System. The morning session will cover the fundamentals of qEEG recordings and basic hardware and software use. The afternoon session will focus on the newest BrainFeedback software release; designing neurofeedback protocols including referential, bipolar, coherence, z-score training, and the new 19-channel z-score training through NeuroGuide. We are welcoming all Deymed users and all other interested professionals from 9 AM to 5 PM.