

# **INTERMEDIATE AND ADVANCED QEEG, NEUROFEEDBACK AND LORETA WORKSHOP 2**

**PRESENTED BY SOUTHEASTERN BIOFEEDBACK INSTITUTE AND  
DEYMED CORPORATION**

**JANUARY 18-20, 2008 COMFORT INN OCEANSIDE, DEERFIELD BEACH  
FLORIDA**

**JOEL F. LUBAR PH.D. AND STEVEN STOCKDALE PH.D.**

We have designed this workshop for clinicians, researchers and QEEG specialists who are or will be using QEEG to guide the treatment of neurobehavioral disorders using neurofeedback and related modalities. At least one-third of the workshop will be dedicated to the detailed evaluation of your complex cases in a group setting using the Neuroguide, SKIL, LORETA, and Novatech databases for the development of specific neurofeedback training protocols. The database evaluation of cases using the Brain Resource Corporation database of 24 channels and more than 3000 cases will be illustrated. **We will demonstrate and use in detail the new Z-SCORE neurofeedback for coherence, absolute and relative power.**

Participants will be able to experience actual EEG recording using the Deymed Truscan 32 and 2 channel systems and see how neurofeedback protocols are set up and used. Methods for obtaining quality recording will be demonstrated as well as detailed methods for artifact removal and distinguishing muscle from EEG in the recordings.

Session data can be automatically graphed both within session and over sessions for all parameters rewarded and/or inhibited as well as all threshold settings.

This workshop will cover in detail, reading the raw EEG, remontaging, Laplacian, current source density, origin of EEG and recently introduced concepts such as comodulation, phase resetting, synchrony. The newest S-LORETA with more than 6500 locations will be demonstrated.

Participants should bring cases in Deymed, Neuroguide, Lexicor or and other formats that can be inputted into Neuroguide. Eureka-3, SKIL. These must be coded to preserve confidentiality so that the group can work together with them. We will also have many of our cases to analyze.

Models of connectivity will be discussed as well as concepts from Nunez, Srinivasan (Electric Fields of the Brain) and Buzsaki (Rhythms of the Brain).

The Comfort Inn Oceanside is one block from the Atlantic Ocean at the corner of Hillsboro Blvd and A1A. The address is 50 S. Ocean Drive, Deerfield Beach FL 33441. The room rates are special for the workshop. Ocean view rooms are reduced from \$209.95 to **\$185** regular rooms are reduced from \$209.95 to **\$155** and will remain at these rates until December 18, 2007. Parking is \$6 per day on site. There are many restaurants within easy walking distance but breakfast is included with the room rate. We have a large conference room that can easily accommodate more than 30 people with classroom table style setup so that you can use your laptops during the workshop. Lunch and refreshments will be provided.

TUITION: \$995.00 PAID BY EITHER VISA OR MASTERCARD BY JANUARY 1, 2007. If you choose to pay by check, please make it to: Southeastern Biofeedback Institute and send it to:

Joel F. Lubar Ph.D  
970 McKenzie Meadows Way  
Knoxville, TN 37932 ( if before December 10, 2007), or after that to:

Joel F. Lubar Ph.D.  
111 N. Pompano Beach Blvd  
Suite 1214,  
Pompano Beach, FL 33062

Phone contacts are:

865-675-7009, or after Dec.10, 954-946-9969 or 865-385-8888(cell) Please call if you have any questions regarding the workshop. Also please contact Dr. Steve Stockdale at 719-471-3460.

The registration form is on the next page and can be emailed to:

[jlubar@utk.edu](mailto:jlubar@utk.edu) or mailed to the address above. We will accept a \$300.00 deposit but the full tuition must be paid by January 1, 2008. Any cancellations after that will result in a \$175.00 non returnable fee.

Please register early since our last workshop in July,2007 was filled month before the workshop began. We need to limit the workshop to 25 participants.

We encourage you to consider making this part of a winter vacation since the hotel rates are special and tropical South Florida is spectacular in the winter.

More hotel information can be obtained by calling Gail Farkas-Hotel workshop coordinator at 954-428-0650.or 800.4CHOICE or go to [choicehotels.com](http://choicehotels.com).