



Program



Friday, May 1

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| 8:30-9:00 | Welcome and Introductions |
| 9:00-10:00 | Lynda Thompson, Ph.D. The ADD Centre, Toronto
<i>Neurofeedback, Science and Applications: A Review</i> |
| 10:00-10:15 | Break |
| 10:15-11:15 | Manuel Shabus, Ph.D. University of Salzburg, Austria
<i>Operant Conditioning of Rhythmic Sensorimotor EEG activity:
Effects on Insomnia</i> |
| 11:15-11:30 | Break |
| 11:30-12:30 | Leonid Moroz, Ph.D. Dept of Neuroscience and Whitney
Laboratory for Marine Bioscience, College of Medicine, University
of Florida
<i>Genomic Basis of Neuronal Identity and Plasticity</i> |
| 12:30-3:30 | Lunch / Free time |

- 3:30-4:30 **Mario Beauregard, Ph.D.** Departments of Psychology and Radiology, University of Montreal, Canada
Real-time fMRI Neurofeedback
- 4:30-5:30 Review / Discussion (all speakers)
- 6:30- 8:00 **Welcome Cocktail Party**
- 8:00** **Dinner available on site**



Saturday, May 2

- 9:00 - 10:30 **M. Barry Serman, Ph.D.** University of California, Los Angeles,
The SMR Story: Basic Data and Theoretical Implications
- 10:30-10:45 **Break**
- 10:45-11:45 **Kirsten Hoedlmoser, Ph.D.** University of Salzburg, Austria
Operant Conditioning of SMR activity in Normal Subjects: Effects on Sleep and Declarative Learning
- 11:45-12:00 **Break**
- 12:00-1:00 **Denise Malkowicz, M.D.** Institutes for the Achievement of Human Potential, Philadelphia PA
Can Theories of Circuit Modification with SMR EEG Feedback Explain our Remarkable Effects with Epilepsy?
- 1:00-3:30 **Lunch / Free Time**
- 4:00-5:00 **Kim Eply, Ph.D.** Whitney Laboratory for Marine Bioscience, College of Medicine, University of Florida
What can a Lazy Fish Teach us about Synaptogenesis?
- 5:00-6:00 **Review / Discussion (all speakers)**
- 6:30 **Dinner available on site**



Sunday, May 3

- 9:00-10:00 **Dirk Bucher, Ph.D.** Whitney Laboratory for Marine Bioscience, College of Medicine, University of Florida
Can Models of Homeostatic Plasticity Explain Nervous System Functional Stability?
- 10:00-10:15 **Break**
- 10:15-11:15 **Jason Soss, M.D.** University of California, Los Angeles
Mapping Brain Networks with Mutual Information Analysis
- 11:15-11:30 **Break**
- 11:30-12:30 **David Kaiser, Ph.D.** SKIL, Rochester, NY
The Periodicity Table: An introduction to bimodulation, entropy, and other spectral coefficients
- 12:30 -3:30 **Lunch / Free Time**
- 3:30-4:30 **Sigi Hale, Ph.D.** University of California, Los Angeles
Brain Laterality, Brain States and ADHD
- 4:30-5:30 **Review / Discussion (all speakers)**
- 6:30 **SABA Banquet, Special Venue**



Monday, May 4

- 9:00-10:00 **M. Barry Stermán, Ph.D.** University of California, Los Angeles
Optimizing QEEG Assessment and BMT/Neurofeedback Outcomes
- 10:00-10:15 **Break**
- 10:15-12:15 **Barry Stermán, PhD and David Kaiser, PhD**
Decision Making in Protocol Selection
- 12:15-3:30 **Lunch/Free Time**

3:30-6:30

David Kaiser, PhD and Barry Sterman, PhD
Practicum: SKIL Analysis

6:30

Dinner available on site



Tuesday, May 5

9:00-12:00

David Kaiser, PhD and Barry Sterman, PhD
Practicum: *SKIL EEG Operant Trainer*

12:00-2:00

Lunch

2:00-4:00

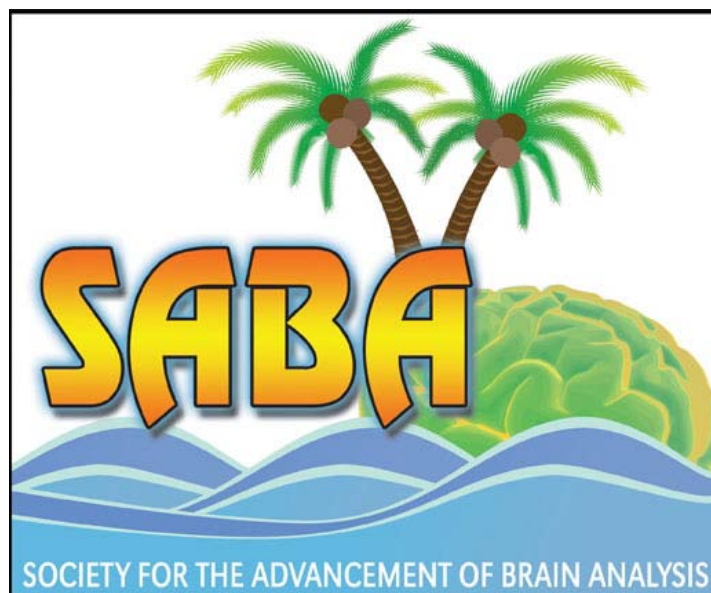
Case Presentations by SABA members

4:00-5:00

Meeting Review: Speakers and Participants
What will we take home from this week?

5:00

Adjourn



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