

ISNR 2010 | 18th Annual Conference

Denver, Colorado
September 27 – October 3, 2010

Workshop and Plenary Schedule

Time	Monday September 27, 2010 Pre Conference Workshop Schedule Abstracts
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 1.1 (day 1)- Foundations Low Energy Neurofeedback (LENS) Training - <i>Catherine Wills</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 2.1 (day 1)- Advanced LENS Training - <i>Len Ochs</i>

Time	Tuesday September 28, 2010 Pre Conference Workshop Schedule Abstracts
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 1.2 (day 2)- Foundations Low Energy Neurofeedback (LENS) Training - <i>Catherine Wills</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 2.2 (day 2)- Advanced LENS Training - <i>Len Ochs</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 3.1 (day 1)- Fundamentals for the Practice of Neurofeedback: Assessment Leads to Appropriate Intervention - <i>Lynda and Michael Thompson and Andrea Reid</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 4.1 (day 1)- Introduction to Gamma Induction/Beta Attunement Intervention Protocol for Intermediate & Above EEG Neurofeedback Providers - <i>Jaclyn Gisburne and Jana Harr</i>

Time	Wednesday September 29, 2010 Pre Conference Workshop Schedule Abstracts
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 1.3 (day 3)- Foundations Low Energy Neurofeedback (LENS) Training - <i>Catherine Wills</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 2.3 (day 3)- Advanced LENS Training - <i>Len Ochs</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 3.2 (day 2)- Fundamentals for the Practice of Neurofeedback: Assessment Leads to Appropriate Intervention - <i>Lynda and Michael Thompson and Andrea Reid</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 4.2 (day 2)- Introduction to Gamma Induction/Beta Attunement Intervention Protocol for Intermediate & Above EEG Neurofeedback Providers - <i>Jaclyn Gisburne and Jana Harr</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 5 - The Utility of Integrating QEEG/EEG with Behavioral Information in Selecting Neurofeedback Protocols - <i>Jack Johnstone and Joy Lunt</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 6 - Suicide Risk Assessment and Management: Interviewing, Documentation and Safety Planning - <i>Dan Meyer</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 7 - The Power is in the Squiggles: The Fine Art of Mastering and Appreciating the Analog EEG Recording - <i>Marvin Sams</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 8 - The Emerging Technologies of Stimulation: Audio-Visual Entrainment, Cranio-Electro Stimulation and Transcranial DC Stimulation - Physiology and Clinical Outcomes - <i>Dave Siever</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 9 - Live Z Score Training and QEEG - <i>Mark Smith and Tom Collura</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 10 - Gamma: The New Frontier - <i>Estate Sokhadze and Jon Cowen</i>
8:30-12:30 PM & 1:30-5:45 PM	Pre-Conference Workshop 11 - Basics of the QUICKQ Assessment and Braindriving - <i>Paul Swingle</i>

Time	Wednesday September 29, 2010 Conference Schedule
8:30-12:30 PM & 1:30-5:30 PM	Pre-Conference 8 Hour Workshops - See Pre Conference Workshop Schedule: Monday Tuesday Wednesday Abstracts
9:30 AM-5:00 PM	ISNR Golf Tournament (on-property golf course, Scramble format). Pre-registration required, please contact Ann Marie at the ISNR office to register. A portion of proceeds go to the ISNR Research Foundation. Prizes awarded at banquet dinner.
1:30-5:00 PM	Vendor Setup in Vendor Area Vendor List
5:00- 6:30 PM	ISNR Board of Directors Meeting
6:30-7:30 PM	Welcome Cocktail Reception in Vendor Area
7:30-9:00 PM	Panel 1: Special Panel Neurofeedback: The Past, Present and Future “The Pioneering Women’s Perspective!” <i>Genie Bodenhamer-Davis, PhD, Judith Lubar, MSW, and Lynda Thompson, PhD</i>

Time	Thursday September 30, 2010 Conference Schedule					
8:15-8:30 AM	President’s Welcome - Tom Collura, PhD					
8:30-8:50 AM	<i>Student Paper:</i> Low-Frequency Repetitive Transcranial Magnetic Stimulation (rTMS) Modulates Evoked-Gamma Frequency Oscillations in Autism Spectrum Disorder (ASD)- Joshua Baruth, Estate Sokhadze			What Are We Training When We Train SMR? - Michael O’Bannon		
8:55-9:15 AM	<i>Student Paper:</i> The Effects of Neurofeedback in Children with Autism: Results of a Randomized Single Blind Placebo Attention Controlled Study- Mirjam Kouijzer			Clinical Red Flags of Undiagnosed Mild Traumatic Brain Injury- Kay Sheehan		
9:20-9:40 AM	EEG Connectivity Assessment and Training: A Multichannel Directed Information Flow Perspective- David Joffe			Atypical Migraine Aura: Clinical Presentation and Clinical Implications- Jeffrey Carmen		
9:45-10:30 AM	Invited Speaker- Matthew Nock, PhD- Single-Case Experimental Design: A Valuable Method for Evaluating Neurofeedback in Clinical Practice					
10:30-10:40 AM	Break					
10:40-11:25 AM	Invited Speaker- Dirk DeRidder, MD, PhD- Alcohol Addiction: A Clinical Pathophysiological Approach					
11:25-11:35 AM	Break					
11:35-12:30 PM	Keynote Speaker- Alvaro Pascual-Leone, MD, PhD- Multimodal Brain Imaging: Combining Brain Stimulation and Functional Neuroimaging to Understand A Changing Brain					
12:30-5:00 PM	Break - Visit our Vendor Area Vendor List					
12:30-1:00 PM	Lunch					
1:00-1:55 PM	Small Group Discussion - Phillip Ellis - NFT and LD: Patterns and Outcomes	Small Group Discussion- Tom & Helen Budzynski- NFT in the Minimization of Dementia	Small Group Discussion - Genie Bodenhamer-Davis and Richard E. Davis- NFT and Addictions: Selection Criteria and Outcomes	Small Group Discussion - John Carmichael- NFT and PTSD: Rationale and Outcomes	Small Group Discussion - Michael Thompson- Combining Biofeedback and NFT: Rationale and Outcomes	Small Group Discussion - Elena Labkovsky- ERP in Applied Neuroscience: Rationale and Outcomes
12:45 -1:45 PM	User Group Meeting- Thomas Brownback - The Comprehensive Neurodiagnostic Checklist to the 1020 Power (CNC) Day 1 of 3			User Group Meeting- Jeff Carmen & Hershel Toomim – HEG Clinical Support Day 1 of 2		
2:00-5:15 PM	Workshops - See Thursday Workshop Schedule Abstracts					

Time	Thursday September 30, 2010 Conference Schedule
5:00-6:15 PM	Poster Session & Cocktail Reception- See Program for Poster Listings
6:30-8:00 PM	Panel 1-Neurofeedback for Epilepsy: A Review and Update- <i>Gabriel Tan, Jonathan Walker, Cory Hammond</i>
6:30-8:00 PM	Evening Plenary Session- <i>A Focus on Z Score Topics</i>
6:30-6:50 PM	Evaluating the Clinical Efficacy of A Multi-Modal Treatment Paradigm using LENS, NeuroField, and Z-Score Training- <i>Peniyeen Rutter</i>
6:55-7:10 PM	Biofeedback Case Studies using Live Z-Score Training and a Normative Database- <i>Tom Collura, Joseph Guan, Jeffrey Tarrant, John Bailey</i>
7:15-7:35 PM	Cognitive Improvement Following Z-score Neurofeedback Therapy of 20 Moderate to Severe Brain Injury Patients: Preliminary Results of a Pilot Study- <i>Victor Zelek,</i>
7:40-8:00 PM	Laplacian Z-Score Neurofeedback: A Unique Option in the Realm of Multi-Channel Z-Score Neurofeedback- <i>Nancy Wigton</i>

Time	Thursday September 30, 2010 Workshop Schedule
2:00-5:15 PM	Workshop 1 - QEEG and Neurofeedback in ADHD: From Diagnostics to Treatment - Historical Context, Current State and Future Directions- <i>Martijn Arns</i>
	Workshop 2 - Integration of EEG, DC/SCP, and Peripheral Measures in Biofeedback <i>Ron Swatzyna, Tom Collura</i>
	Workshop 3 - Basics of EEG for the Neurofeedback Practitioner- <i>Marc Saab</i>
	Workshop 4 - Recording the EEG with Elegance and Exuberance- <i>Marvin Sams</i>
	Workshop 5 - Neurofeedback Advanced (BCIA Review Course)- <i>Lynda Thompson and Michael Thompson</i>
	Workshop 6 - Neurofeedback and Applied Psychophysiology in Sport Psychology- <i>Michael Linden, Wes Sime, Jane Arave</i>

Time	Friday October 1, 2010 Conference Schedule	
8:30-8:50 AM	Gorak Video-Game in the Resocialization of Infants in Situations of Social Risk- <i>Dirce Maria Perissinotti and Yusaku Soussumi</i>	Marketing the Neurofeedback Practice- <i>Jeffrey Hunter</i>
8:55-9:15 AM	Effectiveness of Neurofeedback In Youth With ADHD-Problems and Comorbid Disorders- <i>Marleen Bink, Ija Bongers and Chijs van Nieuwenhuizen</i>	Neurofeedback : A Critical Treatment Component to Behavioral Modification and Parent Education for Individuals Diagnosed with Fetal Alcohol Syndrome (FAS)- <i>James Kowal and Ajeet Charate</i>
9:20-9:40 AM	<u>Student Paper:</u> Adult ADHD: Physiological Arousal During Resting State & Task Condition- <i>Marie Gonzales, Sarah Wyckoff, Ute Strehl</i>	Gamma Induction/Beta Attunement (GI/BA) Intervention Protocol and Neurodegenerative Disorders: A Review of Selected Case Studies- <i>Jaclyn Gisburne and Jana Harr</i>
9:45-10:30 AM	Invited Panel- Martijn Arns, MSc, Nicholas Lofthouse, PhD, Marleen Bink, MSc and Leslie Sherlin, PhD (Moderator)- <i>Current Status of Neurofeedback as an intervention for ADHD: Current Status, Results from two Randomized Controlled Studies, one with sham condition, and the ISNR adopted position paper on the use of Neurofeedback in the treatment of ADHD.</i>	
10:30-10:40 AM	Break	
10:40-11:25 AM	Invited Speaker- Hartmut Heinrich, PhD- <i>Theta / Beta and SCP Training in Children with Attention-Deficit/Hyperactivity Disorder: Behavioral and Neurophysiological Results from a Randomized Controlled Trial</i>	
11:25-11:35 PM	Break	

Time	Friday October 1, 2010 Conference Schedule				
11:35-12:30 PM	Keynote Speaker- Norman Doidge- <i>The Brain That Changes Itself: The Neuroplasticity Revolution and Film Clips of People Undergoing Plastic Change</i>				
12:30-1:00 PM	Lunch				
12:30-5:00 PM	Break - Visit our Vendor Area Vendor List				
1:00-1:55 PM	Small Group Discussion -NFT and ADD/ADHD: Rationale and Outcomes- <i>Lynda Thompson</i>	Small Group Discussion- NFT and TBI: Rationale and Outcomes- <i>Anne Stevens</i>	Small Group Discussion - Effects of Medication on QEEG- <i>Cory Hammond</i>	Small Group Discussion - Z Score NFT: Rationale and Outcomes- <i>Robert Thatcher and Tom Collura</i>	Small Group Discussion - NFT and Generalized Anxiety Disorder: Rationale and Outcomes- <i>Ed Hamlin</i>
12:45-1:45 PM	User Group Meeting- <i>Thomas Brownback – The Comprehensive Neurodiagnostic Checklist to the 1020 Power (CNC) Day 2 of 3</i>			User Group Meeting- <i>Jeff Carmen & Hershel Toomim – HEG Clinical Support Day 2 of 2</i>	
2:00-5:15 PM	Workshops - See Friday Workshop Schedule Abstracts				
2:00-5:00 PM	BCIA Exams - Must be pre-registered with BCIA to sit for exam				
5:00-6:30 PM	ISNR Committees meet independently during Dinner Break				
6:30-8:00 PM	Panel 2- Applications of QEEG and Neurofeedback in Sport Psychology- <i>Michael Linden, Jeff Fannin & Wes Sime</i>				
6:30-8:00 PM	Evening Plenary Session- <i>A Focus on QEEG Topics</i>				
6:30-6:50 PM	Osteopathic Treatment of the Encephalon: A QEEG Study- <i>David Bergstein, Debora Elliott</i>				
6:55-7:10 PM	Post-hoc Analysis of the QEEG Reveals the Most Desirable Treatment Protocols and Identifies Clients Vulnerable to Over-Training- <i>Thomas Matthews</i>				
7:15-7:35 PM	QEEG-Guided Neurofeedback for Anger Control- <i>Jonathan Walker</i>				
7:40-8:00 PM	EnListen and Learn: Auditory Processing Training Impacts Neuro Substrates of Reading Readiness in Dyslexic Readers- <i>Roger Riss and Paula Ray</i>				
9:00-11:30 PM	By invitation only- Student Reception hosted by the ISNR Student Committee				

Time	Friday October 1, 2010 Workshop Schedule
2:00-5:15 PM	Workshop 7 – Computerized Assessment of Attention Deficit Disorder and Autistic Spectrum- <i>Michael Linden</i>
	Workshop 8 - ERP Protocols in Clinical Assessment- <i>Elena Labkovsky</i>
	Workshop 9 - Analysis and Demonstration of Z-score Neurofeedback, LORETA Neurofeedback and LORETA Z-score Neurofeedback: Clinical Applications and Considerations- <i>Joel Lubar</i>
	Workshop 10 - The Ethical Considerations and Neurological Challenges of Treating the Military with Comorbid Mild Traumatic Brain Injury and Posttraumatic Stress Disorder- <i>Ron Swatzyna</i>
	Workshop 11 - Effective Intervention With Asperger's Syndrome - From Theory to Practice (Emphasizing the Synergistic combination of NFB with BFB) Day 1- <i>Lynda Thompson, Michael Thompson and Andrea Reid</i>
	Workshop 12 - Evidence Based NFB: A Bio-Psycho-Social Assessment Approach- <i>Richard Soutar</i>
	Workshop 13 - Advanced Strategies for Z Score Training- <i>Elsa Baehr, Richard Goodman and Corey Feinberg</i>

Time	Saturday October 2, 2010 Conference Schedule					
8:30-8:50 AM	A Study Comparing the Brain Function of Healthy and ADHD Adults During Rest and Go/NoGo Task in EEG/ERP and fMRI- <i>Cynthia Kerson, Leslie Sherlin, Estate Sokhadze, Rex Cannon and David Hubbard</i>			Comparing LENS Neurofeedback and Traditional Neurofeedback in the Treatment of Obsessive-Compulsive Disorder- <i>Corydon Hammond</i>		
8:55-9:15 AM	Classification of ADHD Patients on the Basis of Independent ERP Components Using a Machine Learning System - Crossvalidation with New Data- <i>Andreas Muller</i>			The Immediate Effect of NeuroField as Measured by Pre Post QEEG- <i>Nick Dogris</i>		
9:20-9:40 AM	Using EEG to Predict Neurotherapy Treatment Outcomes in PTSD- <i>Estate Sokhadze, Eric Toolson, Beth Pery and Michael Hollifield</i>			An International Study of the BAUD Applications for Emotional and Chronic Pain Issues- <i>Frank Lawlis</i>		
9:45-10:30 AM	Invited Speaker- Jason Soss, MD <i>Neural Network Mapping</i>					
10:30-10:40 AM	Break					
10:40-11:25 AM	Invited Speaker- Michael Schmidt, PhD- <i>Nutrient Modifiers of Neuroplasticity and Performance and the Exploration of Novel QEEG Assessment Metrics</i>					
11:25-11:35 AM	Break					
11:35-12:30 PM	Keynote Speaker- Jonathan Marks, MA, BCL- <i>Beyond Neurotherapy: The Ethics of National Security Neuroscience</i>					
12:30-1:00 PM	Lunch					
12:30-5:00 PM	Break- Visit the Vendor Area Vendor List					
1:00-1:55 PM	Small Group Discussion- NFT and Autism Spectrum Disorder: Rationale and Outcomes- <i>Rob Coben</i>	Small Group Discussion- NFT and Pain: Rationale and Outcomes- <i>Leslie Sherlin</i>	Small Group Discussion- NFT and Seizures: Rationale and Outcomes- <i>Denise Malkowicz</i>	Small Group Discussion - Murderers - Result of QEEG Analyses and NFT Considerations- <i>James Evans</i>	Small Group Discussion -NFT and Depression: Rationale and Outcomes- <i>Joy Lunt</i>	Small Group Discussion- Polysomnography Assessment of Sleep Disorders- <i>Jack Johnstone</i>
12:45-1:45 PM	User Group Meeting- <i>Thomas Brownback – The Comprehensive Neurodiagnostic Checklist to the 1020 Power (CNC) Day 3 of 3</i>			User Group Meeting – Dave Siever - Clinical Protocols and Applications for Stimulation Technologies Day 1 of 1		
2:00-5:15 PM	Workshops - See Saturday Workshop Schedule Abstracts					
6:00-7:00 PM	ISNR Annual Members Business Meeting (precedes dinner in the banquet hall)					
7:00-8:15 PM	Dinner Served					
8:15-8:45 PM	Awards Recognition & Installation of new board					
8:45-11:00 PM	After Dinner Entertainment					

Time	Saturday October 2, 2010 Workshop Schedule
2:00-5:15 PM	Workshop 14 - Neurofeedback & Multimodality Treatment for ADD and Autistic Spectrum Disorder- <i>Michael Linden</i>
	Workshop 15 - Interpreting The Information Obtained From EEG Analysis Into A Successful Treatment with Long Term Results- <i>Judith Lubar</i>
	Workshop 16 - Making A Difference Where It Hurts: Effective Pain Management for Children and Adults- <i>Roger Riss, Elizabeth Stroebel and Lynda Kirk</i>
	Workshop 17 - Effective Intervention With Asperger's Syndrome - From Theory to Practice (Emphasizing the Synergistic combination of NFB with BFB) Day 2- <i>Lynda Thompson, Michael Thompson and Andrea Reid</i>

Time	Saturday October 2, 2010 Workshop Schedule
	Workshop 18 - Meditation, EEG, and Brain Connectivity Training for Creativity, Peace, and Presence- <i>Patt Lind-Kyle, Tom Collura</i>
	Workshop 19 - User-friendly Motivational Interviewing Tools for Client Ambivalence Related to Starting or Continuing Neurofeedback- <i>Jonathon Larson</i>
	Workshop 20 - What Do You Need to Know About EEG Before You Do Neurotherapy?- <i>Diana Martinez, Denise Malkowicz and J. Leon Morales-Quezada</i>
	Workshop 25 - Basic FDA Biomedical Devices Regulatory Law, and Reducing Your Related Legal Risks in Clinical and Research Activities – <i>Adele Gilpin</i>

Time	Sunday October 3, 2010 Conference Schedule	
8:15-8:30 AM	Closing Remarks - Incoming President - <i>Leslie Sherlin, PhD</i>	
8:30-8:50 AM	<i>Student Paper: Pilot Investigation: QEEG Phenotypes and EEG Vigilance of Adult ADHD-</i> <i>Sarah Wyckoff, Martijn Ams, Christian Sander and Ute Strehl</i>	A Pilot Study: Positive Emotion Monitoring with Hemoencephalography Among A Group of Taiwanese Elders- <i>Huey-Tzy Justina Chen, Huey-Tzy J Chen, Meng-Tein Wu, Sai-Hung Tang</i>
8:55-9:15 AM	Effects of Gamma Neurofeedback Training on Perceived Positive Emotional State and Cognitive Functions- <i>Estate Sokhadze</i>	Neuroscience and Depth Psychology: A First Step in Connecting Neurofeedback with Jung's Theory of Complexes- <i>David Drapes</i>
9:20-9:40 AM	Happiness Specifically Increases A Clarified 40 hz EEG Rhythm Used for Neurofeedback- <i>Jon Cowan and Estate Sokhadze</i>	Effectiveness of an Advanced Form of Transcranial Electrical Stimulation in Cases of Persistent Anxiety and Depression- <i>Nancy White</i>
9:45-10:05 AM	Using Neurofeedback to Treat OCD Symptoms In A Low Functioning Down's Syndrome Client- <i>Kay Sheehan</i>	Turning the Lights Back On: A Musician and Writer Who Lost His Left Hemisphere To A CVA Uses Neurofeedback for "Soul Retrieval"- <i>Stephen Larsen and Victor Zelek</i>
10:10-10:30 AM	Neurofeedback for Symptom Reduction in Bulimia Nervosa and Attention Deficit Disorder: A Preliminary, Repeated Measures, Matched-Controls Study- <i>Susan Santarpia</i>	Practitioner Perspectives of Neurofeedback Therapy- <i>Jonathan Larson</i>
10:30-10:40 AM	Break	
10:40-11:25 AM	Invited Speaker- Donald Cooper, PhD- <i>Single Cell Memory: How individual Neurons Route and Store Temporary Information to Maintain Attention</i>	
11:25-11:35 AM	Break	
11:35-12:20 PM	Invited Speaker- Paul Rapp, PhD-	
12:20-1:00 PM	Lunch	
9:00-1:00 PM	Last Chance to Visit the Vendor Area *Note Closing Hour Vendor List	
12:30-2:00 PM	ISNR Committee Chairs Meeting	
1:00-4:15 PM	Workshops - See Sunday Workshop Schedule Abstracts	

Time	Sunday October 3, 2010 Workshop Schedule
12:30-3:15 PM	Workshop 21 - Marketing the Neurofeedback Practice- <i>Jeffrey Hunter</i>
	Workshop 22 - Functional Neuroanatomy: How Brain Structure Relates to the Practice of Neurofeedback & Biofeedback (Emphasizing the Synergistic Combination of NFB with BFB)- <i>Michael Thompson and Lynda Thompson</i>
	Workshop 23 - Connectivity and Z Score Training in an Integrated QEEG Guided Practice- <i>Mark Smith</i>

Time	Sunday October 3, 2010 Workshop Schedule
	Workshop 24 - Breaking Free - Behavioral and Emotional Changes Documented Through Supportive Research- <i>Janice Turber, Barbara Fisher, Jay Gunkelman</i>
	Workshop 25 - QEEG-Guided Neurotherapy for Novices- <i>Jonathan Walker</i>

8 Hours	Monday October 4, 2010 Free Vendor Seminars Abstracts
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