

**ISNR 26th Pre-Conference Workshops &
Annual Conference Schedule***
October 15-21, 2018, Renaissance Phoenix Glendale Hotel & Spa

As of 10.13.18 *Subject to Change

Time	Monday, October 15, 2018 – Pre-Conference Workshops
7:30AM-12:30PM	Registration – Hotel Lobby
8:00 AM-5:30 PM	Pre-Conference 8-Hour Workshops – (Includes Two 15-minute breaks & hour break for lunch on own; See Separate Workshop Schedule -- Additional Fees Apply)

Time	Tuesday, October 16, 2018 – Pre-Conference Workshops
7:30AM-12:30PM	Registration – Hotel Lobby
8:00 AM-5:30 PM	Pre-Conference 8-Hour Workshops – (Includes Two 15-minute breaks & hour break for lunch on own; See Separate Workshop Schedule -- Additional Fees Apply)

Time	Wednesday, October 17, 2018 – Pre-Conference Workshops
7:30 AM-5:00 PM	Registration – Conference Registration Desk
8:00 AM-5:30 PM	Pre-Conference 8-Hour Workshops – (Includes Two 15-minute breaks & hour break for lunch on own; See Separate Workshop Schedule -- Additional Fees Apply)
12:00 - 5:00 PM	Exhibitor Set-Up
6:00 - 7:30 PM	ISNR Board of Directors Meeting
7:30 - 9:30 PM	Opening Welcome Reception – Outdoor Courtyard

Time	Thursday, October 18, 2018 – Annual Conference Schedule
7:00 AM-5:00 PM	Registration – Conference Registration Desk
7:00 AM-8:30 AM	Continental Breakfast – Exhibit Hall
7:00 AM-8:00 PM	Exhibit Hall Open

Time	Thursday, October 18, 2018 – Annual Conference Schedule
8:00 AM-9:00 AM	<p>Plenary Session Room 1 The Importance of Morphology and Montaging in EEG Level: Intermediate Tiffany Thompson, PhD, BCN, REEG-T, QEEG-D</p> <p>Plenary Session Room 2 The Non-Linear Brain: Investigating Neural Entrainment Using Missing Pulse Rhythms Level: Advanced Charles Wasserman, BA; Yi Wei, MA; Erika Skoe, PhD; Heather Read, PhD; Edward Large PhD</p>
9:00 AM-9:10 AM	Break – Coffee and Snacks in Exhibit Hall
9:10 AM-10:10 AM	<p>Plenary Session Room 1 The Impact of Using Effective Connectivity Measures (Granger Causality) in Guiding Neurofeedback Level: Intermediate Robert Coben, PhD and Anne Stevens, PhD</p> <p>Plenary Session Room 2 Brain Mapping (QEEG) Changes Before and After Medical Cannabis Administration and Potential Clinical Applications Level: Intermediate J. Lucas Koberda. MD, PhD</p> <p>Plenary Session Room 3 Ethics in Neurofeedback ISNR Foundations Level: Beginner Leslie Sherlin, PhD, CMPC, QEEGD, BCN, BCB</p>
10:10 AM-10:20 AM	Break – Coffee and Snacks in Exhibit Hall
10:20 AM-11:20 AM	<p>Plenary Session Room 1 Trends in Scientific Research Reflect and Predict the Clinical Relevance of (EEG) Biomarkers Level: Intermediate Andrè Keizer, PhD</p> <p>Plenary Session Room 2 Understanding the Mysterious 40 Hz. Brain System for Attention, Learning, and Feeling Good Level: Intermediate Jonathan Cowan, PhD and Estate Sokhadaze, PhD</p> <p>Plenary Session Room 3 Diversity in Neurofeedback ISNR Foundations Level: Beginner Lexi Meinhold, MC</p>
11:20 AM-11:30 AM	Break – Coffee and Snacks in Exhibit Hall

Time	Thursday, October 18, 2018 – Annual Conference Schedule
11:30 AM-12:30 AM	<p>Keynote Speaker: Melissa Day, PhD</p> <p>Dr. Melissa Day completed her MA (Clin) and PhD at the University of Alabama, followed by her Clinical Psychology residency at the University of Washington. She is now a licensed Clinical Psychologist in Australia and most recently, was awarded a National Health and Medical Research Council (NHMRC) Research Fellowship, which she is completing within the School of Psychology at The University of Queensland. Dr. Day's research has focused on implementing randomized controlled trials to evaluate the efficacy and mechanisms of cognitive-behavioral and mindfulness-based interventions for chronic pain conditions.</p> <p>Presentation Title: The Effects and Mechanisms of Mindfulness Meditation, Cognitive Therapy and Mindfulness-based Cognitive Therapy for Chronic Low Back Pain</p>
12:30 PM-1:30 PM	<p>Invited Speaker: Mark Trullinger, BCN</p> <p>Mark has his BCN certification from BCIA and his QEEG-D certification from the QEEG Certification Board, with 8+ years of clinical practice. He has attended AMA CPT Editorial Panel meetings as a volunteer to represent the interests of ISNR for the past few years. Starting initiatives to modernize Neurofeedback coding and petition for inclusion as an AMA recognized organization in their CPT/RUC efforts going forward. He is also the managing director of NeuroThrive in Maryland, a private psychology practice with a strong track record of insurance reimbursement from many public and private payers and has numerous Neurofeedback publications. He is also a student of International Psychology, completing his dissertation this year. It is titled "Paradigm Shifting and Healthcare Professionals Impact on the Adoption of Innovative Medical Devices for Treating Mental Disorders: Neurofeedback for ADHD in the U.S. and The Netherlands."</p> <p>Presentation Title: Update on the Work Towards CPT Codes and Third-Party Reimbursement</p>
1:30 PM-2:30 PM	Lunch on your own
2:00 PM-2:30 PM	Exhibitor Demo: BrainMaster Technologies
2:30 PM-3:20 PM	<p>Small Group Discussions</p> <p>Discussion on the Mysterious 40 Hz. Brain System for Attention, Learning, and Feeling Good Facilitator: Jonathan Cowan, PhD</p> <p>Clinical Case Discussion: Epilepsy and Neurofeedback Facilitator: Lauren Frey, MD</p> <p>Frequency Based Near Infrared Photobiomodulation Facilitator: Thomas Feiner, BCN</p> <p>Neurostimulation in the Field of Neurofeed-back Facilitator: Tiffany Thompson, PhD, BCN, REEG-T, QEEG-D</p> <p>Infraslow Training's Impact on the Autonomic Nervous System Facilitators: Mark Smith, MSW</p> <p>The Concussion Cure Paul Wand, MD</p> <p>360 Suite Launch – Thought Technology's New Panoramic View on Psycho-physiology Sponsored by: Thought Technology Facilitator: Thought Technology</p>
3:30 PM-6:30 PM	Conference Workshops - (See Separate Workshop Schedule; Additional Fees Apply)

Time	Thursday, October 18, 2018 – Annual Conference Schedule
5:00 PM-6:00 PM	International QEEG Certification Board Meeting – Cascade Boardroom
7:00 PM-8:00 PM	Poster Session and Networking Reception – Exhibit Hall
9:00 PM-11:00 PM	President & Student Party (Open to all attendees) – Outdoor Spa Retreat

Time	Friday, October 19, 2018 – Annual Conference Schedule
7:00 AM-5:00 PM	Registration – Conference Registration Desk
7:00 AM-8:30 AM	Continental Breakfast- Exhibit Hall
7:00 AM-5:00 PM	Exhibit Hall Open
8:00 AM-9:00 AM	<p>Plenary Session Room 1 Neurofeedback: An Effective Treatment for Symptoms of Post-traumatic Stress Disorder in Veterans Level: Intermediate Connie McReynolds, PhD</p> <p>Plenary Session Room 2 Personalized EEG-Neurofeedback as Treatment for ADHD Level: Intermediate Helene Brisebois, PhD, and Caroline Dupont, MPs</p> <p>Plenary Session Room 3 Infraslow Neurofeedback, Still a Maverick in the Field? ISNR Foundations Level: Beginner Mark Smith, LCSW, BCN, QEEG-D</p>
9:00 AM-9:10 AM	Break – Coffee and Snacks in Exhibit Hall
9:10 AM-10:10 AM	<p>Plenary Session Room 1 Tuning the Traumatized Brain: LORETA Z-score Neurofeedback and Heart Rate Variability Biofeedback for Chronic PTSD Level: Beginner Ashlie Bell, PhD(c), LCSW, BCN</p> <p>Plenary Session Room 2 The Human Compassion Circuit Level: Advanced Larry Stevens, PhD</p> <p>Plenary Session Room 3 Use of EEG and Neurofeedback for Therapists/Psychotherapy ISNR Foundations Level: Beginner Tiffany Thompson, PhD, BCN, REEG-T, QEEG-D</p>
10:10 AM-10:20 AM	Break – Coffee and Snacks in Exhibit Hall

Time	Friday, October 19, 2018 – Annual Conference Schedule
10:20 AM-11:20 AM	<p>Plenary Session Room 1 Gender Differences in Quantitative EEG Volumetric Analysis Shortly After Sport Concussion Injury in High School Athletes Level: Intermediate Harry Kerasidis, MD; P. David Ims, MA; Stacie Rector, ATC</p> <p>Plenary Session Room 2 Social, Spiritual, Psychological, and Physiological Predictors of Well-being of Military Veterans: A Pilot Study of a Viable, Holistic, and Predictive Model of Well-being Level: Intermediate Manuel Halter, PhD</p> <p>Plenary Session Room 3 Altered States NeuroMeditation: Current Approaches, Preliminary Findings, & Future Applications Level: Beginner Jeff Tarrant, PhD</p>
11:20 AM-11:30 AM	Break – Coffee and Snacks in Exhibit Hall
11:30 AM-12:30 PM	<p>Invited Speaker: Inna Khazan, PhD</p> <p>Inna Khazan, PhD, BCB is a faculty member at Harvard Medical School, where she teaches and supervises trainees. A clinical psychologist specializing in health psychology and performance excellence training using biofeedback and mindfulness-based approaches, Dr. Khazan also maintains a private practice in Boston, working with clients on optimizing their health and performance. She is recognized as a pioneer in the area of mindfulness-based biofeedback. Dr. Khazan is a popular speaker at national and international conferences on the topics of biofeedback and mindfulness. She has conducted biofeedback and mindfulness trainings for notable institutions in the US and abroad, including the US Navy Special Warfare, US Army Special Forces, and the Stuttgart Opera and Ballet Company. Dr. Khazan is a member of the board of directors for Institute for Meditation of Psychotherapy (IMP), Association for Applied Psychophysiology and Biofeedback (AAPB), and Biofeedback Certification International Alliance (BCIA), where she is currently chair elect. Dr. Khazan is the author of numerous journal articles and the highly-regarded Clinical Handbook of Biofeedback: A Step-by-Step Guide to Training and Practice with Mindfulness. She is currently working on a new book titled Biofeedback and Mindfulness in Everyday Life: practical solutions for improving your health and performance. It will be released by W. W. Norton in the summer 2019.</p> <p>Presentation Title: Integrating Mindfulness with Bio and Neurofeedback</p>
12:30 PM-1:30 PM	<p>Keynote Speaker: Susan Blank, MD</p> <p>Susan Blank, MD, is the Founder and Chief Medical Officer for the Atlanta Healing Center. A graduate of the Medical College of Georgia, she completed a residency in Psychiatry and Neurology at Sheppard Pratt Hospital in Baltimore, Maryland. She received her training in Forensics at the University of Virginia, and her training in Addiction Medicine in Atlanta at the Talbott Recovery Campus. She also completed a Fellowship and Advance Fellowship training in Anti-aging and Regenerative Medicine.</p> <p>Presentation Title: Comprehensive Assessment and Outpatient Treatment of Addiction using Neurofeedback and a Functional Medicine Approach</p>
1:30 PM-2:30 PM	Lunch on your own

Time	Friday, October 19, 2018 – Annual Conference Schedule
1:30 PM-3:30 PM	FNNR Board Meeting
1:45 PM-5:00 PM	International QEEG Certification Board Exam <i>For preapproved applicants only; additional fees apply. For questions, contact Cynthia Madsen at cynthiamadsen@msn.com</i>
2:00 PM-2:30 PM	Exhibitor Demo: Vielight Inc. <i>Dr Lew Lim, the inventor of the Vielight devices will be demonstrating how the different models are used and what effect are expected. He will be presenting the prospect of profoundly improving the outcomes of neurofeedback with a prototype of the “Neuro Pro”.</i>
2:30 PM-3:20 PM	Small Group Discussions ISNR FOUNDATIONS BCIA Certification 101 and Recertification 101 <i>Facilitator: Judy Crawford</i> The Reality of Remote Training <i>Facilitator: Amber Fasula</i> ISNR FOUNDATIONS Initial Consult: Orienting new Clients and Patients to the QEEG and Neurofeedback experience. <i>Facilitator: Robert Longo, MRC, LPC, BCN</i> What Causes Unexpected Immune Reactions Triggered by Beneficial Brain Interventions? Nitrosative Stress and Natural Tumor Necrosis-α Inhibitors. <i>Facilitator: Robert Boddington</i> Neurofeed-back for Sleep Related Issues <i>Facilitator: Iza Boesler</i> Combining Neurofeed-back with VR/AR <i>Facilitator: Jeff Tarrant, PhD</i> Development of complex fusion protocols for LORETA and surface neurofeed-back <i>Facilitator: Joel Lubar, PhD, BCN</i> Linking Symptoms to Dysregulated Brain Networks <i>Sponsored by: Applied Neuroscience Facilitator: Robert Thatcher, PhD</i>
3:30 PM-6:30 PM	Conference Workshops - (See Separate Workshop Schedule; Additional Fees Apply)
7:00 PM-8:30 PM	NEW ~ Invited Panel: Practical Implementations of Neurofeedback in Practice Clinical panelists: Silvia Costales, MFT, BCN, Amber Fasula, PsyD, BCN, Sebern Fisher, MA, LMH, BCN Host interviewer: Leslie Sherlin, PhD, CMPC, QEEGD, BCN, BCB <i>This 90-minute presentation from expert clinicians allows the audience to dig deeper into the practical approaches and concepts that are contemporaneous to neurofeedback implementation within their practice. This fireside chat format is a dialogue between the interviewer and panelists in a casual interaction where no slides and no speeches are allowed. This is the opportunity for these professionals to tell us what really happens within a session and the real challenges that they address every day. We'll learn about the obstacles and the successes that keep them innovating their approach and the best practices that think you should know. Attendees will have the chance to hear first-hand the trends and tips from within the application of neurofeedback from those identified as some of the most successful in the field. At the conclusion of the set interview questions the audience will be allowed to submit questions in real time to the organizers and the best will be presented for the panelists to respond within the forum.</i>
8:30 PM-10:30 PM	BrainMaster Reception – All attendees are invited

Time	Saturday, October 20, 2018 — Annual Conference Schedule
7:00 AM-5:00 PM	Registration – Conference Registration Desk
7:00 AM-8:30 AM	Continental Breakfast - Exhibit Hall
7:00 AM-5:00 PM	Exhibit Hall Open
8:00 AM-9:00 AM	<p>Plenary Session Room 1 Cognitive and Psychophysiological Test Operations as Assessment Tool for Neurofeedback Clinicians: A Pilot Study on its Preliminary Normative Data and Validity Level: Beginner Thomas Feiner, BCN; Maria Juan, MSc, Ruben Perez, MSc</p> <p>Plenary Session Room 2 Training Blood Flow: nHEG Utilization for Specific QEEG Phenotypes in ASD Level: Intermediate Adrian Van Deusen, HND; David Cantor, PhD, MS, QEEG-D, BCN</p>
9:00 AM-9:10 AM	Break – Coffee and Snacks in Exhibit Hall
9:10 AM-10:10 AM	<p>Plenary Session Room 1 Applied Innovation in Clinical Practice - Let's Go Beyond Neurofeedback Level: Intermediate Amy Serin, PhD</p> <p>Plenary Session Room 2 Multivariate Coherence Training for Developmental Trauma Level: Intermediate Robert Coben, PhD; Clark Thompson, MA; Anne Stevens, PhD</p>
10:10 AM-10:20 AM	Break – Coffee and Snacks in Exhibit Hall
10:20 AM-11:20 AM	<p>Plenary Session Room 1 Tandem 3D Neuroimaging in Mild Traumatic Brain Injury: Providing a Neuroholistic Perspective in Clinical and Forensic Settings Level: Intermediate David Cantor, PhD, MS, QEEG-D, BCN; Richard Batson, ND ABAHP; Michael Seyffert, MD, MS</p> <p>Plenary Session Room 2 The Effect of Infra Slow Frequency Neurofeedback on Quantitative Electroencephalogram and Autonomic Nervous System Function in Adults with Anxiety and Related Diseases Level: Intermediate Karlien Balt, MSc; Mark Smith, MSW; Peet Du Toit, PhD; Priyesh Bipath, PhD</p>
11:20 AM-11:30 AM	Break – Coffee and Snacks in Exhibit Hall

Time	Saturday, October 20, 2018 — Annual Conference Schedule
11:30 AM-12:30 PM	<p><i>Invited Speaker:</i> Dirk DeRidder, MD, PhD</p> <p>Dirk De Ridder, MD, PhD, is the Neurological Foundation professor of Neurosurgery at the Dunedin School of Medicine, University of Otago in New Zealand. His main interest is the understanding and treatment of phantom perceptions (sound, pain), especially by use of functional imaging navigated non-invasive (TMS, tDCS, tACS, tRNS, LORETA neurofeedback) and invasive (implants) neuromodulation techniques.</p> <p><i>Presentation Title:</i> The Central Brain Mechanisms of Pain and the Neuromodulation Techniques for Addressing It</p>
12:30 PM-1:30 PM	<p><i>Keynote Speaker:</i> Marc Lewis, PhD</p> <p>Marc Lewis is a cognitive neuroscientist and professor emeritus of developmental psychology, at the University of Toronto from 1989 to 2010, now <u>blogging</u>, writing, and speaking on the science, experience, and treatment of addiction. He is the author or co-author of over 50 scientific journal articles on developmental psychology, emotion, and neuroscience. He now contributes regularly to <u>The Guardian</u> and other popular publications.</p> <p><i>Presentation Title:</i> Is Addiction a Brain Disease? And Does it Matter?</p>
1:30 PM-2:30 PM	Lunch on your own
1:30 PM-2:30 PM	Neuroregulations Associate Editor Meeting
2:00 PM-2:30 PM	<p><i>Exhibitor Demo:</i> NeuroNavigator™ by Applied Neuroscience, Inc.</p> <p>Dr. Robert Thatcher will demonstrate the latest and greatest tool in neuroimaging called the NeuroNavigator™, used for assessment and in the future Neurofeedback. He will present Current Source Density, Functional & Effective Connectivity, Diffusion Tensor Imaging Overlays and how to create a Neurofeedback Protocol.</p>
2:30 PM-3:20 PM	<p>Small Group Discussions</p> <p><i>ISNR FOUNDATIONS</i> Intro to Research/How to collect clinical data for research purposes Facilitator: Charles Wasserman, BA</p> <p><i>Possible Side Effects & Adverse Reactions</i> Facilitator: Cory Hammond</p> <p><i>Implementing and developing a university-based neurofeedback program to train future practitioners</i> Facilitator: Mark Jones, DMin</p> <p><i>Implications of Neurofeedback and meditation</i> Facilitator: Ron Bonnstetter, PhD</p> <p><i>Advances in coherence based neurofeedback training</i> Facilitator: Robert Coben, PhD</p> <p><i>International Board of Quantitative Electrophysiology Q&A</i> Facilitator: David Cantor, PhD; Leslie Sherlin, PhD; Tanju Surmeli, MD</p> <p><i>Evidence and New Discoveries with VieLight Photobiomodulation for Neurofeedback</i> Sponsored by: VieLight Facilitator: Lew Lim, PhD, DNM, MBA</p>
3:30 PM-6:30 PM	Conference Workshops - (See Separate Workshop Schedule; Additional Fees Apply)

Time	Saturday, October 20, 2018 — Annual Conference Schedule
3:30 PM-6:30 PM	BCIA Certification Exam <i>For preapproved applicants only - Questions, please contact Judy Crawford-jcrawford@bcia.org</i>
6:30 PM-7:00 PM	Banquet Dinner Reception – Solana Foyer
7:00 PM-10:00 PM	Banquet Dinner & Awards Ceremony – Solana Ballroom <i>Join us while we recognize leaders in our profession and those who have contributed to the growing field of Neurofeedback.</i>

Time	Sunday, October 21, 2018 -- Annual Conference Schedule
8:00 AM-9:00 AM	Member Meeting – Asteria Boardroom
9:00 AM-11:30 AM	Connections Brunch: Addressing the Challenges of Tomorrow, Today – Exhibit Hall <i>This interactive networking event has the focus on gaining insight and input from ISNR members and professionals in attendance to address the challenges of providing neurofeedback. Unique table conversations will provide opportunity for small groups to discuss issues in practice, billing, advertising, outreach, integration and other relevant concepts. Groups will present findings to the larger audience and outflow will be compiled and disseminated in future ISNR newsletters and influence organizational actions.</i>
9:00 AM-12:00 PM	Exhibit Hall Open
11:30 AM–12:30 PM	ISNR Incoming Board of Directors Meeting
11:30 AM-12:00 PM	Lunch on own
12:00 PM-5:00 PM	Exhibitor Educational Workshops
12:00 – 2:00 PM	Neuroscience of Bi-lateral Alternating Stimulation and Cutting-Edge use in Practice Dr. Amy Serin TouchPoint Solution <i>Although bilateral alternating stimulation has been used in popular therapies for over 30 years, its widespread use has been stymied by a lack of understanding of the mechanisms of action and narrow views of applications for a wide variety of disorders. In this presentation we will review the neuroscience of the methodology and inform clinicians about how to use the technology to improve neurofeedback outcomes and help patients with home protocols. Live demonstrations and practical models will be included.</i>

Time	Sunday, October 21, 2018 -- Annual Conference Schedule
12:00 – 5:00 PM	<p>Brain-based Assessment & Neurofeedback Training for the 21st Century Workshop Thomas Collura, Bill Mrklas, and Others BrainMaster Technologies</p> <p>Join BrainMaster Technologies as they cover Brain-based Assessment & Neurofeedback Training for the 21st Century. Many topics will be covered during this 6 hour workshop. Demonstrations including the use of the sLORETA ROI Coherence Z-Score Training, Directional Coherence, Echo in conjunction with the MicroTesla Stimulators, and Capit-O Cognitive Assessment Software. Use and functionality of the BrainAvatar Software will also be covered, and new protocols will be reviewed. All Registered Attendees attending the full 6 hour workshop will receive a \$200 Gift Certificate towards the purchase of BrainMaster Direct Products, as well as 10% on purchases done at the workshop. Linner provided.</p>
12:00 – 4:00 PM	<p>Introduction of iSyncBrain, AI Driven Advanced qEEG Analysis Platform and Hands-on Experiences DaeKeun Kim, PhD; Jay Chung, CMO iMediSync</p> <p>Main features of the iSyncBrain cloud based fully automated EEG analysis will be introduced including AI driven automatic denoising, age- and sex-classified norm DB comparison, group statistics, qEEG indices from sensor level power to sLORETA band specific ROI connectivity, and user friendly UX/UI for maximum usability. For all participants, iSyncBrain trial account will be provided for hands on experiences of fully automated QEEG analysis.</p> <p>* iSyncBrain trial account just For Demonstration Purposes Only – Not for Clinical Use</p>