

2015 Real-time Functional Imaging and Neurofeedback Conference Scientific Program

Wednesday, February 11, 2015	
9:30a-10:00a	Registration
10:00a-1:00p	Two Simultaneous Workshops. Workshop 1: BCI and EEG Neurofeedback, delivered by Cortech Solutions. Workshop 2: fNIRS Technologies and Capabilities for Neuroscience Investigations, delivered by NIRx.
2:00p-4:15p	Tours of McKnight and Biomedical Engineering (to be confirmed)
4:15p-9:00p	Social Networking Outing, at The Swamp Restaurant (to be confirmed).

Thursday, February 12, 2015	
8:00a-8:30a	Coffee Break/Registration
8:30a-9:00a	Welcome by Dr. Ranganatha Sitaram ; Opening address by Dr. Cammy Abernathy , Dean of the College of Engineering (UF).
9:00a-10:30a	Keynote 1 - Dr. Eberhard E. Fetz: Volitional Control of Neural Activity: Past and Future.
	Nimrod Keynon: Modulation of deep brain activity and improved emotion regulation via fMRI/EEG NeuroFeedback
	Kymberly Young: Changes in amygdala functional connectivity following rt-fMRI amygdala neurofeedback training in patients with major
	Frank Scharnowski: Learning control over emotion networks with real-time fMRI connectivity feedback
10:30a-12:30p	Poster presentations and coffee break
12:30p-1:30p	Lunch for registered attendees at the Campus Hilton restaurant
1:30p-2:15p	Keynote 2 - Dr. Niels Birbaumer: Communication and control in paralysis
2:15p-2:45p	Special Lecture - Dr. Christopher DeCharms: title of talk to be announced
2:45p-3:00p	Break
3:00p-4:30p	Keynote 3 - Dr. Mitsuo Kawato: Decoded fMRI Neurofeedback (DecNef)
	Jinendra Ekanayke: Learning to see things differently through realtime fMRI neurofeedback training
	Diljit Singh Kajal: Volitional Control of Motor Cortical Oscillations using Real-time MEG Coherence Feedback influences Motor Output
	Roger Gassert: Robotic-Assisted Therapy driven by Real-Time Functional Imaging and Neurofeedback
4:30p-5:30p	Poster presentations and snacks
6:30p-9:00p	Reception at the Natural History Museum; address by Dr. Christine Schmidt , Chair Dept of Biomedical Engineering (UF).

Friday, February 13, 2015	
8:00a-8:30a	Coffee Break
8:30a-10:30a	Keynote 4: Dr. John Gabrieli, title of the talk to be announced
	Sergio Ruiz: Functional connectivity neurofeedback of the Inferior Frontal Gyrus and Superior Temporal Gyrus using rt/fMRI Effects on brain connectivity and semantic priming
	Jong-Hwan Lee: Data-driven multivariate analysis revealed the whole-brain functional connectivity changes associated with the real-time fMRI
	Randall Barbour: Functional Near Infrared Spectroscopy
	Beatrix Barth: NIRS neurofeedback as a treatment method in adult attention-deficit/hyperactivity disorder (ADHD)
	Nikolaus Weiskopf: title of the talk to be announced
10:30a-12:30p	Poster presentations and coffee break
12:30p-1:30p	Lunch for registered attendees at the Campus Hilton restaurant
1:30p-3:00p	Keynote 5 - Dr. Ranganatha Sitaram: Neural mechanisms of brain self-regulation.
	Silvia Marchesotti: Neural mechanisms of non-invasive brain-machine interfaces control
	Lydia Hellrung: Intermittent compared to continuous real-time fMRI neurofeedback boosts control over amygdala activation
	Michelle Hampson: Brain correlates of success and failure signals during feedback learning
3:00p-3:45p	Keynote 6 - Dr. Jeff Fitzsimmons: Making Technology Transfer work for you; The Art and Science of creating a successful startup
3:45p-4:45p	Poster presentations and snacks
4:45p-6:15p	Interactive Discussion: Haller and Sulzer Moderating
6:15p-6:45p	Closing Remarks and Awards