

Real-time Functional Imaging and Neurofeedback

Wednesday, February 11, 2015

9:30a-10:00a	Registration
10:00a-1:00p	Workshops
2:00p-4:15p	Tours of McKnight/BME
4:15p-9:00p	Social Networking Outing

Thursday, February 12, 2015

8:00a-8:30a	Coffee Break/Registration
8:30a-9:00a	Ranga/Dean Welcome
9:00a-10:30a	Fetz Keynote
	Keynan: Modulation of deep brain activity and improved emotion regulation via fMRI/EEG NeuroFeedback
	Young: Changes in amygdala functional connectivity following rt-fMRI amygdala neurofeedback training in patients with major
	Scharnowski: Learning control over emotion networks with real-time fMRI connectivity feedback
10:30a-12:30p	Posters/Coffee
12:30p-1:30p	Lunch
1:30p-2:15p	Birbaumer Keynote
2:15p-2:45p	DeCharms: TBD
2:45p-3:00p	Break
3:00p-4:30p	Kawato Keynote
	Ekanayke: Learning to see things differently through realtime fMRI neurofeedback training
	Singh Kajal: Volitional Control of Motor Cortical Oscillations using Real-time MEG Coherence Feedback influences Motor Output
	Gassert: Robotic-Associated Therapy driven by Real-Time Functional Imaging and Neurofeedback
4:30p-5:30p	Posters/Snacks
6:30p-9:00p	Chair BME/Reception

Friday, February 13, 2015

8:00a-8:30a	Coffee Break
8:30a-10:30a	Gabrieli Keynote
	Ruiz: Functional connectivity neurofeedback of the Inferior Frontal Gyrus and Superior Temporal Gyrus using rt/fMRI Effects on brain connectivity and semantic priming
	Lee: Data-driven multivariate analysis revealed the whole-brain functional connectivity changes associated with the real-time fMRI
	Barbour: TBD
	Barth: NIRS neurofeedback as a treatment method in adult attention-deficit/hyperactivity disorder (ADHD)
	Weiskopf: TBD
10:30a-12:30p	Posters/Coffee
12:30p-1:30p	Lunch
1:30p-3:00p	Sitaram Keynote
	Marchesotti: Neural mechanisms of non-invasive brain-machine interfaces control
	Hellrung: Intermittent compared to continuous real-time fMRI neurofeedback boosts control over amygdala activation
	Hampson: Brain correlates of success and failure signals during feedback learning
3:00p-3:45p	Fitzsimmons Keynote
3:45p-4:45p	Posters/Snacks
4:45p-6:15p	Interactive Discussion: Haller and Sulzer Moderating
6:15p-6:45p	Closing Remarks/Awards