



Society for Brain Mapping and Therapeutics (SBMT)
Galleria Tiffany Room
Final Program

13th April 2018

Friday April 13th 10:00-11:30 am

A4- Multimodality Imaging and Functional Brain Mapping and Neurotherapeutics Application

Chair: Seung-Schik Yoo

10:00-10:15 Jong-Hwan Lee (Korea University, Korea): Functional network of mindfulness and can it be changed via real-time fMRI neurofeedback?

10:15-10:30 Alexander Bystritsky (UCLA): Focused ultrasound pulses, History, Present and Future

10:30-10:45 Wonhye Lee (Harvard Medical School): Development of wearable focused ultrasound transducer for the stimulation of rat brain

10:45-11:00 Martin M. Monti (UCLA): Recovering consciousness and cognition: low intensity thalamic sonication in post-coma patients

11:00-11:15 Hyungmin Kim (UCLA): Development of MRI-compatible low-intensity focused ultrasound brain stimulation device

11:15-11:30 Session discussion

Friday 13th 1:30-3:00 PM

A11- Innovative Methods for Detection & Treatment of Brain Injury

Co-Chairs: Ken Green & Maheen Adamson

1:30-1:45 Maheen M. Adamson (DVBIC, Stanford): Updates on Brain Injury: New horizons in diagnosis and treatment

1:45-2:00 Kevin Bickart: Can TMS correct hyper connectivity of limbic brain networks and neurobehavioral symptoms in TBI?

2:00-2:15 Christy Sheehey (C. Light Technologies, Inc): Utilizing fixation eye motion metrics to monitor concussion recovery in athletes

2:15-2:30 Kimberly Cockerham (Stanford): Clinical Trials in Neuroprotection

2:30-3:00 Session discussion

Fri April 13th 3:30-5:00 PM

A18-Advance Analytics in Sport Neuroscience and Brain Health Chair

Chair: Michael Bergeron

3:30-3:45 Michael F. Bergeron (SIVOTEC Analytics, Boca Raton, FL): Exercise, Fitness & Brain Health □ Youth Development to Adults

3:45-4:00 Todd A. Maugans (Nemours Children's Hospital, Orlando, FL): The Adolescent Brain in Sports

4:00-4:15 Vernon Williams (Kerlan-Jobe Center for Sports Neurology, Los Angeles, CA): Monitoring Brain Health and Performance □ An Integrated Technologies Solution

4:15-4:30 Taghi Khoshgoftaar (Florida Atlantic University, Boca Raton, FL): Multi-domain Advanced Analytics and Predictive Modeling □ A Catalyst to Real-world Insights and Discovery

4:30-4:45 Pete Martinez (SIVOTEC Analytics, Boca Raton, FL): Translation and Commercialization in Sport Neuroscience and Brain Health

4:45-5:00 Session discussion