

# **First Annual ISMRM-OHBM Joint Virtual Workshop**

**July 11, 2012**

**8AM Pacific US / 11AM Eastern US / 4PM UK / 5PM European Central**

**Organizers: Karla L Miller, Peter Bandettini, Mark A. Griswold**

- 8:00 – 8:15 Transcranial Direct Current Stimulation (tDCS) Modulates Connectivity in Human Attention Networks (OHBM)**  
*Peter Dechent, Carsten Schmidt-Samoa, Melanie Wilke*  
*University Medicine Göttingen, Germany*
- 8:15 – 8:30 A cross-modal, cross-species comparison of connectivity analyses in the primate cortex (OHBM)**  
*Andrew Reid, John Lewis, Gleb Bezdin, Pierre Bellec, Budhachandra Kundrakpam, Anthony McIntosh, Alan Evans*  
*Montreal Neurological Institute, Canada*
- 8:30 – 8:45 Diffusion MRI measurement of Axon Diameter alterations induced by White Matter Plasticity (ISMRM)**  
*Lea Vinokur, Daniel Barazany, Shimrit Tsur-Moryosef, Yaniv Assaf*  
*Tel Aviv University, Israel*
- 8:45 – 9:00 Structure Tensor Analysis of Histological Images to Examine Brain Microstructure (ISMRM)**  
*Matthew Budde*  
*Medical College of Wisconsin, USA*
- 9:00 – 9:15 Reduced GABA in the Visual Cortex of Patients with NF1 – A New Perspective on the Disease Mechanism (OHBM)**  
*Ines Violante, Maria Ribeiro, Richard Edden, Inês Bernardino, Jose Rebola, Pedro Guimarães, Gil Cunha, Eduardo Silva, Miguel Castelo-Branco*  
*University of Coimbra, Portugal*
- 9:15 – 9:30 Magnetic Resonance Spectroscopic Analysis of 2HG and Alterations in Metabolite Profiles in Brain Tumors with IDH1/2 Mutations (ISMRM)**  
*Liya Wang, Anne Carroll, Juliya Kalinina, Erwin Meir, Qiqi Yu, Junjun Tan, Ruya Zhao, Frank Liu, Shaoxiong Wu, Hui Mao*  
*Emory University, USA*
- 9:30 – 9:45 Enhanced fMRI Sensitivity using CBV based Contrast with the Blood Pool USPIO Agent Ferumoxytol in Humans (ISMRM)**  
*Deqiang Qiu, Greg Zaharchuk, Thomas Christen, Wendy Ni, Michael Moseley*  
*Stanford University, USA*
- 9:45 – 10:00 Hierarchical Tree-Guided Brain Disease Classification (OHBM)**  
*Manhua Liu, Daoqiang Zhang, Dinggang Shen*  
*University of North Carolina at Chapel Hill, USA*

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