



Henry H. Wheeler Jr. Brain Imaging Center Research Day
2012 Highlights

Thursday, January 17, 2013, LKS 125, UC Berkeley

- 9:00** Coffee, pastries and mingling
- 9:30** BIC update! Mark D'Esposito/Ben Inglis
- 9:55** "Disrupted behavior but compensatory changes after theta-burst TMS to the frontal eye fields"
Ian Cameron (D'Esposito lab)
- 10:20** "Simultaneous TMS and fMRI"
Miguel Perez (BIC)
- 10:45** "Aging, brain atrophy, and sleep disruption: A novel pathway contributing to cognitive decline?"
Bryce Mander (Walker lab)
- [5 minute stretch break]*
- 11:15** "Functional Subdomains within Human Fusiform Face Area"
Tolga Cukur (Gallant Lab)
- 11:40** "Functional mapping of the magnocellular and parvocellular subdivisions of human LGN"
Rachel Denison (Silver Lab)
- 12:05** "Brain modularity predicts responsiveness of brain injury patients to cognitive rehabilitation"
Katie Begany (D'Esposito Lab)
- 12:30 - 2:00** **LUNCH BREAK** (on your own)
- 2:00** "Ultra-fast MRI of the human brain for the Human Connectome Project"
David Feinberg (BIC)
- 2:25** "Magnetic Resonance Imaging of the Brain at 130 Microtesla"
John Clarke (Physics)
- 2:50** "Sparse Reproducing Kernels for Modeling Fiber Crossings in Diffusion Weighted Imaging"
Fernando Perez (BIC)
- [5 minute stretch break]*
- 3:20** "Linking Perception with Action: the Intraparietal Sulcus and Decision Making"
Andy Kayser (Gallo Clinic and Research Center, UCSF)
- 3:45** "Neural and molecular basis of economic decision-making"
Ming Hsu (Haas School of Business)
- 4:10** "Are deficits in frontal function key to understanding distractibility and poor concentration in anxiety?"
Sophie Forster (Bishop Lab)
- 4:35** Adjourn