



**Multi-modal Neuroimaging Training Program (MNTP)
Center for Neural Basis of Cognition (CNBC)**



**Symposium on "Resting State, Default Networks, and Neural Connectivity"
July 14 – 15, 2011**

**Mellon Institute
Conference Room 348
4400 Fifth Avenue
Pittsburgh, PA 15213**

Funded by NIH (R90DA023420).

July 14, 2011

1:00 – 2:00 p.m. Registration (Social Room, MI 328)

Session 1: Resting State fMRI (Chair: Peter Strick)

2:00 – 2:05 p.m. Opening remarks, Peter Strick, University of Pittsburgh, co-Director of CNBC

2:05 – 2:55 p.m. James Hyde, Medical College of Wisconsin, "Advances in Human- and Rat-Brain fcMRI"

2:55 – 3:45 p.m. Mark Lowe, Cleveland Clinic, "Anatomic and electrophysiologic correlates of resting state fMRI"

3:45 – 4:00 p.m. Break

4:00 – 4:50 p.m. Peter Bandettini, NIH, NIMH "The more you look the more you see: new perspectives on fluctuations"

5:00 – 6:00 p.m. Reception, (Social Room, MI 328)



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8:00 – 9:00 a.m. Registration and Continental Breakfast, (Social Room, MI 328)

Session 2: Neural source of Resting State (Chair: Seong-Gi Kim)

9:00 – 9:50 a.m. Apostolos Georgopoulos, University of Minnesota, “Time series analysis of neural data”

9:50 – 10:40 a.m. David Leopold, NIH, NIMH, "Ongoing neural activity in the cerebral cortex"

10:40 – 11:00 a.m. Break

11:00 - 11:50 a.m. Timothy Murphy, University of British Columbia, "Optical monitoring and probing of resting state connectivity in mice"

12:00 – 1:00 p.m. Lunch, (Social Room, MI 328)

Session 3: Neuroscience Application (Chair: Michael Tarr)

1:00 – 1:50 p.m. Marc Raichle, Washington University, “TBA”

1:50 – 2:40 p.m. Olaf Sporns, Indiana University, “Analysis and modeling of connectivity in the resting brain”

2:40 – 3:00 p.m. Break

3:00 – 3:50 p.m. Elliott Stein, NIH, NIDA, “Can functional Connectivity serve as a biomarker for drug use and addiction?”

3:50 p.m. Closing remarks, Seong-Gi Kim, University of Pittsburgh,
Co-Director of MNTP Program, CNBC