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

Symposium on "Data Processing"
July 13, 2012

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

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8:00 – 9:00 a.m.	Registration and Continental Breakfast (Social Room, MI 328)
Session 1:	(Chair: William Eddy)
9:00 – 9:05 a.m.	Opening remarks, William Eddy, Carnegie Mellon University
9:05 – 9:50 a.m.	DuBois Bowman, Department of Biostatistics and Bioinformatics, Center for Biomedical Imaging Statistics ,Emory University, "A Multimodal Technique for Determining Connectivity within the Human Brain"
9:55 – 10:40 a.m.	Howard Aizenstein, Department of Psychiatry, University of Pittsburgh, "MR Methods for Assessing Brain Structural Integrity in the Elderly"
10:45 – 10:55 a.m.	Break
10:55 – 11:40 a.m.	Ivo Dinov, Departments of Statistics and Neurology, UCLA, "Multimodal Neuroimaging and Distributed Computing using the Pipeline Environment"
11:45 – 12:30 p.m.	Ted Huppert, Department of Radiology, University of Pittsburgh, "Extracting the Signal from NIRS Data"
12:30 – 1:15 p.m.	Lunch (Social Room, MI 328)

Session 2:   (Chair: William Eddy)

1:15 – 2:00 p.m.   Avniel Ghuman, Department of Neurological Surgery, University of Pittsburgh, "The Temporal Dynamics of Spontaneous and Task-Related Interregional Synchronization in the Healthy and Autistic Brain""

2:00 – 2:45 p.m.   Ranjan Maitra, Department of Statistics and Statistical Laboratory, Iowa State University, "PET Data Processing"

2:45 – 3:00 p.m.   Break

3:05 – 3:50 p.m.   Alberto Vazquez, Departments of Radiology and Bioengineering, University of Pittsburgh, "Imaging Brain Function Using Two-Photon Microscopy: Advantages and Challenges"

3:50 - 4:00 p.m.   Closing remarks, William Eddy, Carnegie Mellon University, Co-Director of the MNTP Program, CNBC