

Workshop on Massively Parallel Computing
Stony Brook University, Brookhaven National Laboratory & IBM Corporation
Tuesday October 14, 2008
Room S-240 Math Tower
Stony Brook University

8:30	Coffee	
9:00	Carlos Simmerling, SBU	Functional Motions of Proteins Studied by MD
9:45	Jeremy Rice, IBM	High Performance Computing in Multiscale Cardiac Modeling: Bridging Proteins to Cells to Whole Heart
10:30	Break	
10:45	John Reinitz, SBU	From Data to Dynamical Systems via Parallel Computing
11:30	Chad Peck, IBM	High Performance Computing for Medical Imaging and Neuroscience Research
12:15	Lunch	
1:15	I-HShin Chung, IBM	Next Generation Application Enablement Tools
2:00	Carlos Sosa, IBM	Introduction to OpenMP on Blue Gene
2:45	Break	
3:00	Tulin Kaman, SBU	Performance Modeling with Tau
3:30	Gheorghe Almasi, IBM	The Common PGAS Runtime for IBM's X10, UPC and Co-array Fortran Compilers
4:15	Summary and Future Directions	
4:30	SunDown	