













Monday, February 26, 2007	
7:30 am to 8:30 am	Registration & Continental Breakfast
8:30 am to 10:00 am	Tutorial: Optimization of the Cray XT3 John Levesque, Cray Inc. (Video)
10:00 am to 10:30 am	Break: Sponsored by AMD 
10:30 am to 11:30 am	Tutorial – Optimization of the Cray XT3 (continued) John Levesque, Cray Inc. (Video)
11:30 am to 1:00 pm	Lunch: Sponsored by Cluster Resources, Inc. 
1:00 pm to 1:45 pm	Keynote Presentation: Future Cray Architectures Steve Scott, Cray Inc. (Video)
1:45 pm to 2:30 pm	Presentation: Perf. Analysis of Production POP Runs on the Cray XT3 Trey White, Oak Ridge National Laboratory (Video)
2:30 pm to 3:00 pm	Presentation: Introduction to the Cray XT3 at NCCS Don Fredericks, Oak Ridge National Laboratory (Video)
3:00 pm to 3:30 pm	Break: Sponsored by AMD 
3:30 pm to 4:00 pm	Presentation: Supporting HECToR in the UK Mike Dewar, NAG-UK (Video)
4:00 pm to 4:30 pm	Presentation: AMD's Quad Core Opteron Brian Waldecker, AMD (Video)
7:00 pm to 9:00 pm	Evening Reception: Sponsored by AMD 

Tuesday, February 27, 2007	
7:30 am to 8:30 am	Continental Breakfast: Sponsored by LSI Logic 
8:30 am to 9:15 am	Presentation: Performance Analysis of the Cray XT4 Harvey Wasserman, NERSC (Video)
9:15 am to 9:30 am	A Message from CUG Kevin Wohlever, CUG Treasurer (Video) 
9:30 am to 10:15 am	Presentation: Accelerated Portals Ron Brightwell, Sandia National Laboratories (Video)
10:15 am to 10:45 am	Break: Sponsored by AMD 
10:45 am to 11:30 am	Presentation: Sandia's 7X Applications Joel Stevenson, Sandia National Laboratories (Video)
11:30 am to 12:15 pm	Presentation: Cray XT3/XT4 Performance Analysis Pat Worley, Oak Ridge National Laboratory (Video)
12:15 pm to 1:30 pm	Lunch: Sponsored by BlueArc 
1:30 pm – 2:00 pm	Presentation: Analysis of MILC on the Cray XT4 Steven Gottlieb, Indiana University (Video)
2:00 pm – 2:30 pm	Presentation: ORNL Application Requirements Analysis Bronson Messer, Oak Ridge National Laboratory (Video)
2:30 pm – 3:00 pm	Presentation: HPCC on the Cray XT3 and Cray XT4: Results & Analysis Jeff Kuehn, Oak Ridge National Laboratory (Video)
3:00 pm – 3:30 pm	Presentation: Combustion Simulations on the Cray XT3 at NCCS Ramanan Sankaran, Oak Ridge National Laboratory (Video)
3:30 pm – 4:00 pm	Break: Sponsored by AMD 
4:00 pm – 4:30 pm	Presentation: Performance Analysis in Support of Capability Computing on Red Storm/Cray XT3 Mahesh Rajan, Sandia National Laboratories (Video)
4:30 pm – 5:00 pm	Presentation: Performance Analysis of a DNS code Mark Taylor, Sandia National Laboratories (Video)
5:00 pm – 5:30 pm	Presentation: Compiler Optimization (Video) Tyler Simon, US Army Engineer Research & Development Center (ERDC-MSRC)
6:00 pm – 7:00 pm	NCCS BOF

Wednesday, February 28, 2007	
7:30 am to 8:30 am	Continental Breakfast
8:30 am to 9:30 am	Presentation: Using Cray Performance Tools Luiz DeRose, Cray Inc. (Video)
9:30 am to 10:00 am	Presentation: Ocean Prediction with HYCOM Alan Wallcraft, Naval Research Laboratory (Video)
10:00 am to 10:30 am	Presentation: Massively Parallel Magnetohydrodynamics on the Cray XT3 Joshua Breslau, Princeton Plasma Physics Laboratory (Video)
10:30 am to 11:00 am	Break: Sponsored by AMD 
11:00 am to 11:30 am	Presentation: CSC Finland's Cray XT4 Juha Fagerholm, CSC-Finland (Video)
11:30 am to 12:00 pm	Presentation: Experiences with Modeling Large-Scale Weapon-Structural Interaction Analyses on Cray XT3 Platforms Kent Danielson, Network Computing Services/AHPCRC/ERDC (Video)
12:00 pm to 1:30 pm	Lunch: Sponsored by QLogic 
1:30 pm to 2:30 pm	Presentation: UPC and CAF on Baker Jim Schwarzmeier, Cray Inc. (Video)
2:30 pm to 3:00 pm	Presentation: The Effects of System Options on Code Performance Courtenay Vaughan, Sandia National Laboratories (Video)
3:00 pm to 3:30 pm	Break: Sponsored by AMD 
3:30 pm to 4:00 pm	Presentation: Materials Chemistry Applications on the ORNL XT3 Edoardo Apra, Oak Ridge National Laboratory (Video)
4:00 pm to 4:30 pm	Presentation: Optimization of I/O for the Cray XT4 Jeff Larkin, Cray Inc. (Video)
4:30 pm to 4:45 pm	Closing Remarks John Levesque, Cray Inc.