

**Dell XL HPC Consortium - Spring 2012
University of Kentucky – Boone Center**

Tuesday, April 10, 2012

<i>Time</i>	<i>Topic</i>	<i>Presenter</i>
1:00 – 1:10	Intro, new format, more participation	Melyssa Fratkin, Chair
1:10 – 1:30	Welcome	Vince Kellen, UKY CIO
1:30 – 3:00	Big Data	<i>Tom Raisor</i>
	<ul style="list-style-type: none"> • Hadoop Projects • High Speed Storage – experiences, best practices 	Andy Woolley Tom Raisor, et al
3:00 – 3:30	University of Utah – Sandy Bridge Evaluation	Guy Adams, U of Utah
3:30 – 4:30	Facility tour	Vikram Gazula
<YOYO dinner>		

Wednesday, April 11, 2012

<i>Time</i>	<i>Topic</i>	<i>Presenter</i>
8:30 – 10:30	Resource Management	<i>Ryan Cox, BYU</i>
	<ul style="list-style-type: none"> • Cluster Monitoring: What do you use? • Schedulers –What works, what doesn't? Choosing between Platform LSF, SGE, PBS Pro, Moab, etc • Controlling Memory Usage 	Walker Stemple, Dell Jenny Williams, UNC Others TBD
10:30 – 10:45	<i>Break</i>	
10:45 – 11:15	Voice of the Customer	<i>Walker Stemple et al</i>
11:15 – 12:00	<ul style="list-style-type: none"> • Tell Dell what you think • Roadmap & Hardware review 	
12:15 – 1:00	<i>Lunch</i>	
1:00 – 2:30	Accelerators	<i>Walker Stemple</i>
	<ul style="list-style-type: none"> • NVIDIA – GPUs <ul style="list-style-type: none"> ○ Scheduling, using GPUs • Intel - MIC <ul style="list-style-type: none"> ○ TACC experience 	David Luebke, NVIDIA Tommy Minyard, TACC
2:30 – 3:00	Force 10 Technology Breakout	Balaji Pitchaikani
3:00 – 3:30	<i>Break</i>	
3:30 – 4:15	Intel Presentation	Brock Taylor
4:15 – 5:00	Consortium Business <ul style="list-style-type: none"> • Updated charter • New members • Feedback on new format 	Melyssa Fratkin, TACC
6:00	Dinner – Portofino - 249 Main St., Lexington	

Thursday, April 12, 2012

<i>Time</i>	<i>Topic</i>	<i>Presenter</i>
8:00- 8:30am	<i>Breakfast</i>	
8:30 – 9:00	AMD roadmap presentation	Lynn Lewis
9:00 – 10:00	New Technology Planning and Acquisition Strategies	Tom Raisor, Dell Jim Lupo, LSU
10:00 – 10:30	<i>Break</i>	
10:30 – 12:00	NVIDIA hands-on tutorial	Bob Crovella
Session Ends		