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HPC China 2010

	<p>Welcome and Introductions</p> <ul style="list-style-type: none"> • Welcome by: Chinese government officials • Welcome by our host: The Beijing Computing Center • IDC welcome and HPC User Forum background: Vernon Turner, Earl Joseph and Steve Conway • IDC HPC Market Overview: Jie Wu and Earl Joseph
	<p>HPC User Site Updates</p> <ul style="list-style-type: none"> • China Top 100 and the new ranking, Dr. Yunquan Zhang, Chinese Academy of Science, Chair of China Top 100 (20 minutes) • HPC computing at BCC, Dr. Yu Zeng, Vice Chair, Beijing Computing Center (20 minutes) • Boeing HPC site update: Key research areas, HPC computers used and what they would like to see improved in HPC (20 minutes) • Vendor technical updates: Microsoft (15 minutes), Intel (15 minutes)
	30 minutes Break
	<p>HPC User Site Updates</p> <ul style="list-style-type: none"> • HPC in Geological Modeling, Dr. Bing Wang, Chinese Academy of Science, Director, Institute of Geophysics (20 minutes) • NASA HPC site update: Key research areas, HPC computers used and what they would like to see improved in HPC (20 minutes) • HPC in Oil exploration, challenges and opportunities, Mr. Nenghe Lai, Chief Engineer, China Petroleum (20 minutes) • New Ideas for Exascale File Systems, Peter Braam (15 minutes) • New Developments at Inspur (15 minutes)
	Lunch Break Ballroom Hall B, The first floor of China National Convention Center
	<p>HPC In Industry</p> <ul style="list-style-type: none"> • NCSA Approaches to Industrial Outreach (20 minutes) • OSC Approaches to Industrial Outreach (20 minutes)

	NCI HPC site update: Key research areas, HPC computers used and what they would like to see improved in HPC (20 minutes)
	HPC Cloud Panel Discussions <ul style="list-style-type: none">• Panel on Grid and Cloud computing: 3-4 China sites, 3 US/EU sites (KAUST, NASA, Penn State, NSF) and vendors (1 hour)
	30 minute break
	High End Directions Panel <ul style="list-style-type: none">• Panel on petascale/exascale directions and the use of hybrid systems/alternative processors: 3-4 China sites, 3-4 US/EU sites (NSF, HLRS, NCSA, NCI, CUNY) (1 hour)
	Meeting wrap-up with the need for worldwide cooperation to advance HPC