

## HPC Advisory Council Workshop

October 28th, 2009  
Changsha, Hunan, China

The HPC Advisory Council will hold the 2009 Asia workshop on October 28th, 2009, in conjunction with the HPC China conference in Changsha, Hunan, China. The workshop will focus on HPC productivity, and advanced HPC topics and futures, and will bring together system managers, researchers, developers, computational scientists and industry affiliates to discuss recent developments and future advancements in High-Performance Computing.

The conference is free to HPC China attendees and to the HPC Advisory Council members. Registration is required. ([REGISTER TODAY](#))

The HPC Advisory Council is a large eco-system organizations which focuses on bridging the gap between high-performance computing use and its potential, bringing the beneficial capabilities of HPC to new users for better research, education, innovation and product manufacturing, and brings users the expertise needed to operate HPC systems, provide application designers with the tools needed to enable parallel computing, and to strengthen the qualification and integration of HPC system products. The HPC Advisory Council will be presenting at the workshop, as well as distinguished speakers from the HPC research organizations and vendors.

The workshop will be a full day workshop, and will include coffee breaks, lunch and dinner, courtesy of the HPC Advisory Council.

### CONFERENCE LOCATION

Changsha Country Gardern Phoenix Hotel  
NO. 325, Xingsha Road, High-Tech Development District  
Changsha City, Hunan Providence 410100  
Tel:(0731)8828 8888

<http://www.hpcadvisorycouncil.com/index.php>

## AGENDA

8:30-8:45	Welcome session; Gilad Shainer, HPC Advisory Council Chairman
8:45-9:00	The HPC Advisory Council recent activities (Gilad Shainer, HPC Advisory Council Chairman)
9:00-9:30	Keynote session: Feiyi Wang (Ph.D) Research Scientist National Center for Computational Sciences Oak Ridge National Laboratory
9:30-10:30	High speed networking - present and futures (HUO Zhigang, NCIC; Gilad Shainer, Mellanox)
10:30-10:45	Coffee break
10:45-11:15	High Performance Computing in Cloud computing (William Lu, Platform Computing)
11:15-11:45	Towards Highly Productive Computing Platform (Ming Xu, Microsoft)
11:45-12:30	HPC market trends and forecast (Jie Wu, IDC; Steve Conway, IDC)
12:30-13:30	Lunch
13:30-14:30	Sponsors presentations
14:30-15:00	HPC applications best practices, productivity, efficiency and power consumption (Gilad Shainer, HPC Advisory Council; Gaofeng Feng, AMD)
15:00-15:30	HPC as a Service – HPCaaS (Tong Liu, Mellanox technologies; Jeff Layton, Dell; Haichao Liu, Dell)
15:30-16:00	HPC File System Performance Studies for Real Application Workloads (KeCheng Zhang, Panasas)
16:00-16:15	Coffee break
16:15-17:15	Sponsor presentations
17:15-17:45	Technical challenges with managing future HPC systems (Rajesh Chhabra, Altair Engineering)
17:45-18:15	Tesla GPU Opportunities for HPC Applications Advancement (NVIDIA, Stan Posey)
18:15-18:30	Farewell
18:45-21:00	Dinner