Tuesday, September 8, 2009
4:00pm Registration opens
6:30pm Reception starts
7:00pm Dinner and short vendor technology updates: IBM, Appro, Hitachi Cable, Luxtera, Mellanox, ScaleMP and Tech-X

Wednesday, September 9, 2009
7:30am Networking Breakfast
8:10am Introductions and Welcome, Steve Finn and Earl Joseph
Morning Session Chair: Steve Finn
8:15am Weather/climate presentation from ORNL, Jim Hack
8:45am Weather/climate presentation from NCAR, Henry Tufo
9:15am Weather/climate presentation from NASA/Goddard, Phil Webster
9:45am Two short vendor technology updates (Altair and Platform)
10:15am Break
10:30am Weather/climate presentation from NRL Monterey, Jim Doyle
11:00am Weather and Climate Directions from an IBM perspective, Jim Edwards
11:25am Panel on HPC Weather/Climate/Earth Sciences Requirements & Directions
Moderators: Steve Finn and Earl Joseph
This panel will address the common requirements, issues and concerns in the weather forecasting and climate modeling HPC application area.
12:00pm Networking Lunch
Afternoon Session Chair: Paul Muzio
1:00pm HPC in Europe, HECToR Update, Andrew Jones, NAG
1:30pm DOD HPCMP Program Update, Larry Davis
2:00pm Weather/climate Research at Northrop Grumman, Glenn Higgins
2:25pm Weather and Climate Directions from a Cray perspective, Per Nyberg
2:50pm Panel on Government and Political Issues, Concerns and Ideas for New Directions
Moderator: Charlie Hayes
Panel members:
- Phil Webster, NASA Goddard
- JR Kirkland, Principal FBA, Inc.
- Vijay Agarwala, Pennsylvania State University
- Debra Goldfarb, Microsoft
- Stephen Wheat, Intel
- Bob Graybill, Nimbus
- Rene Copeland, SGI
- Mark Guiton, Cray
3:30pm DICE Parallel File System Project, Tracey Wilson
4:00pm    NCAR HPC User Site Tour, return by 6:00pm
6:00pm    Networking break and time for 1-on-1 meetings
6:30pm    Special Dinner Event
Thursday, September 10, 2009

7:30am  Networking Breakfast
8:10am  Welcome, Earl Joseph and Steve Finn
         Morning Session Chair: Douglas Kothe
8:15am  Power Grid Research at PNNL, Mo Khaleel
8:45am  HPC Data Center Power and Cooling Issues, and New Ways to Measure HPC Systems, Roger Panton, Avetec
9:15am  Compiler and Tools: User Requirements from ARSC, Edward Kornkven
9:45am  New HPC Directions at Microsoft, Roger Barga
10:15am Break
10:30am Technical Panel on HPC Front-End Compiler Requirements and Directions
         Moderators: Robert Singleterry, Vince Scarafino
         Panel members:
         o Convey Computer, Rowan, Steve
         o Intel, Geva, Robert
         o Mitrionics, Mohl, Stefan
         o RapidMind, McCool, Michael
         o NAG, Robert Meyer
         o SGI, Feind, Karl
         o Microsoft, Steve Teixeira
         o PGI, Brent Lebeck
12:15pm  Networking Lunch
Afternoon Session Chair: Jack Collins
1:00pm  ARL HPC User Site Update, Thomas Kendall
1:30pm  Weather/climate presentation from NCAR, John Michelakes
2:00pm  Technical Panel on HPC Application Scaling Issues, Requirements and Trends -- Scalability: What works, what doesn't
         Moderators: Doug Kothe and Paul Muzio.
         Panel members:
         o Jonathan Carter, LBNL
         o Bronis De Supinski, LLNL
         o Mike Heroux, Sandia
         o Phil Jones, LANL
         o Nir Paikowsky, ScaleMP
         o Piyush Mehrotra, NASA Ames
         o John Mickalakes, NCAR
         o Galen Shipman, ORNL
         o Trey White, ORNL
3:15pm  One short vendor technology update (Microsoft)
3:30pm  Break
4:00pm  Weather/climate presentation from NASA Langley, Mike Little
4:30pm  "Spider" the Largest Lustre File Stem, ORNL, Galen Shipman
5:00pm  Meeting Wrap-Up and Future Meeting Dates, Earl Joseph and Steve Finn
5:00pm  Meeting Ends
October 2009 International HPC User Forum Meetings:
  o HLRS/University of Stuttgart, October 5-6, 2009 (midday to midday)
  o EPFL, Lausanne, Switzerland, October 8-9, 2009 (midday to midday)