

2009 HPC Workshop

Held in conjunction with DOE CSGF Annual Fellows Conference

Attendance required for incoming, first and second year DOE CSGF Fellows. All attendees are welcome, however, priority to fill remaining spots will be given to third and fourth year DOE CSGF Fellows, DOE NNSA SSGF Fellows, and DOE CSGF Alumni. Workshop registration will be confirmed by June 15.

SUNDAY, JULY 12

5:00 – 7:00 pm Registration – *Grand Ballroom Foyer*

MONDAY, JULY 13

8:00 – 9:00 am Registration – *Grand Ballroom Foyer*
Breakfast Buffet – *Executive Room*

9:00 – 10:00 am HPC Workshop Session I – *Grand Ballroom*
Overview of Day: Orientation via application
John Bell, Lawrence Berkeley National Laboratory

10:00 – 11:00 am HPC Workshop Session II – *Grand Ballroom*
Architectures
William Gropp, University of Illinois at Urbana-Champaign

11:00 – 11:15 am HPC Workshop Break – *Grand Ballroom Foyer*

11:15 am – 12:15 pm HPC Workshop Session III - *Grand Ballroom*
Parallel Programming Models
William Gropp, University of Illinois at Urbana-Champaign

12:15 – 1:15 pm HPC Workshop Session IV – *Grand Ballroom*
Algorithms and Scaling
David Keyes, Columbia University and KAUST

1:15 – 2:15 pm HPC Workshop Luncheon - *Executive Room*

2:15 – 3:15 pm HPC Workshop Session V - *Grand Ballroom*
Software Tools
David Keyes, Columbia University and KAUST

3:15 – 4:15 pm HPC Workshop Session VI – *Grand Ballroom*
Review and Revisit Applications
John Bell, Lawrence Berkeley National Laboratory

4:15 – 4:30 pm HPC Workshop Break - *Grand Ballroom Foyer*

4:30 – 5:30 pm HPC Workshop Session VII - *Grand Ballroom*
Getting Started:
ASCR Computing Resources, *Barbara Helland, Office of Science, DOE*
HPC Resources and Training Opportunities at the NNSA/ASC National Labs,
Blaise Barney, Lawrence Livermore National Laboratory

5:30 pm HPC Workshop Concludes