



2009 HPC Workshop

Held in conjunction with DOE CSGF Annual Fellows Conference

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
A Case Study in Computational Science: Premixed Turbulent Combustion
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
High Performance Computing: An Applications Perspective
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 High Performance & Leadership Class 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