

# 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*  
Computer Architecture  
*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*  
Programming Models for Scientific Computing  
*William Gropp, University of Illinois at Urbana-Champaign*

12:15 – 1:15 pm        HPC Workshop Session IV – *Grand Ballroom*  
Algorithms and Scalability  
*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*  
Scalable 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 and 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