



INTERNATIONAL EXASCALE SOFTWARE PROJECT

APRIL 7-8, 2009 SANTA FE, NEW MEXICO

April 6, Mon

6:00 – 8:00 pm Reception at El Dorado Hotel; (*Sunset Room*)

April 7, Tue

8:00 – 9:00 am Continental Breakfast (*North Concourse*)

9:00 am Welcome, overview of goals for meeting (*Anasazi Room South*)

Jack, Pete

Michael Strayer, Abani Patra, Catherine Riviere, Satoshi Matsuoka

9:45 am Current status of HPC systems and software development models, where it comes from, where it's developed and issues

Pete Beckman

10:45 am Break (*North Concourse*)

11:00 am Science drivers, current HPC software development, and platform deployment plans for Japan

Satoshi Matsuoka

Noon Lunch (*El Dorado Court; outside of Sunset Room*)

1:00 pm Architectural trends for HPC **Rick Stevens**

1:45 pm Science drivers, current HPC software development, and platform deployment plans for Europe

Thomas Lippert

2:30 pm Break (*North Concourse*)

3:00 pm Panel: Software Barriers for HPC, today and tomorrow
Vivek Sarkar, Jean-Yves Berthou, Mitsuhsa Sato, Anne Trefethen, Peggy Williams, Al Gara

Questions for the panel:

Three evolutionary SW items

Three revolutionary SW items

What are the community interaction models to address both evolutionary and revolutionary themes?

4:30 pm Science drivers, current HPC software development, and platform deployment plans for USA

Horst Simon

6:00 - 7:00 pm Reception; (*Anasazi North*)

Dinner on your own

April 8, Wed

- 8:00 – 9:00 am Continental Breakfast (*North Concourse*)
- 9:00 am to noon Breakout 1 (*Anasazi South*): Technical Roadmap Discussion: What is feasible? What are the top challenges?
Leader: Anne Trefethen, Dan Reed
- Breakout 2 (*Sunset Room*): Collaboration model and funding: How can we work together?
Leader: Rick Stevens, Catherine Riviere
- 10:30 am Break (*North Concourse*)
- Noon Lunch (*El Dorado Court; outside of Sunset Room*)
- 1:30 pm Summary of Notes from Breakout 1 and discussion (*Anasazi South*)
- 2:30 pm Summary of Notes from Breakout 2 and discussion (*Anasazi South*)
- 3:30 pm Break (*North Concourse*)
- 4:00 pm Discussion: Goals and work for next workshops (*Anasazi South*)
- 5:00 pm Adjourn
Dinner on your own