

## 2010 Principal Investigators Meeting

February 8–11, 2010

Renaissance Hotel and Nevada Site Office, Las Vegas, NV

### *Monday, February 8, 2010 (U) Renaissance Hotel*

4:00p – 6:00p	<b>ASC Executive Meeting</b>	HQ and Lab Executives
5:00p – 7:00p	<b>Registration, Reception, Posters</b>	Lori McDowell, Laura Farro

### *Tuesday, February 9, 2010 (U) Renaissance Hotel*

8:00a – 8:30a	<b>Breakfast</b>	
8:30a – 8:40a	<b>Welcome and Logistics</b>	Brian Carnes
8:40a – 10:00a	<b>Alliance Session A</b>	Dick Watson
10:00a – 10:30a	<b>Break, Posters</b>	
10:30a – 12:00p	<b>Alliance Session B</b>	Dick Watson
12:00p – 1:30p	<b>Lunch</b>	
1:30p – 3:00p	<b>Alliance Session C</b>	Dick Watson
3:00p – 3:30p	<b>Break, Posters</b>	
3:30p – 5:00p	<b>Exascale: Drivers and Technologies</b>	Andy White
5:00p – 6:00p	<b>Break</b>	
6:00p – 6:30p	<b>No-host bar</b>	
6:30p – 8:30p	<b>Conference Banquet</b> <b>Speaker: Doug Wade</b> <i>State of ASC</i>	

**Wednesday, February 10, 2010** *AM (U) Renaissance Hotel, PM (C) Nevada Site Office*

8:00a – 8:25a	<b>Breakfast</b>	
8:25a – 8:50a	<b>ACES Systems Update</b>	John Morrison Sudip Dosanjh
8:50a – 9:15a	<b>LLNL Systems Update</b>	Brian Carnes
9:15a – 10:00a	<b>Today's Applications on Tomorrow's Machines</b>	Sriram Swaminarayan
10:00a – 10:30a	<b>Break, Posters</b>	
10:30a – 11:15a	<b>SNL Systems, Accelerating National Security Support, and Institute for Advanced Architectures</b>	Sudip Dosanjh John Zepper
11:15a – 12:00p	<b>Petascale Applications Preparation</b>	Scott Futral Bronis de Supinski
12:00p – 1:30p	<b>Lunch and Travel to Nevada Site Office</b>	
1:30p – 3:00p	<b>DSW Impact Session:</b>	
	<b>W87 Abnormal Thermal Environments</b>	Jeremy Templeton
	<b>B83 Analysis and Peer Review</b>	David Jablonski
	<b>Impact of 3D Modeling on Secondary Performance</b>	Peter Rambo
3:00p – 3:30p	<b>Break</b>	
3:30p – 4:00p	<b>Validation of Turbulent Mixing Models</b>	Rob Gore
4:00p – 4:30p	<b>Modeling Pervasive Structural Failure</b>	Joe Bishop
4:30p – 5:00p	<b>Advanced High-Explosive Models Based on Subscale Simulations</b>	Larry Fried

## Prohibited Items for Nevada Site Office

**Please review and adhere to the following restrictions for the Nevada Site Office:**

- **Personal** electronic devices are NOT allowed in any buildings, but you can keep them in your locked vehicle, turned off. This includes but is not limited to laptops, PDAs, cell phones, cell phones with cameras, pagers, and iPods.
- **Government**-owned electronic devices are allowed on site in the lobby or cafeteria only.
- **NOTHING** is allowed in the conference rooms, either government or personal. In addition to electronic devices, this also includes any sort of memory device or drive, peripherals or associated media, any recording equipment (audio, video, data), or RF-transmitting equipment.
- Other items prohibited by law include firearms, explosives, and illegal drugs.
- Cameras are NOT allowed on site.

**Thursday, February 11, 2010 (C) Nevada Site Office**

8:00a – 8:30a	<b>Breakfast</b>	
8:30a – 9:30a	<b>National Nuclear Security Session: Urban Blast Yield Determination</b>	Mehdi Eliassi
	<b>Simulating Improvised Nuclear Device Effects in the Urban Environment</b>	Randy Bos
9:30a – 10:00a	<b>Break</b>	
10:00a – 11:30a	<b>SNL DAM Session: Codes, Models, V&amp;V, and Focus Area Integration</b>	David Womble, Joel Lash, Tony Giunta
11:30a – 12:30p	<b>Lunch</b>	
12:30p – 2:00p	<b>LANL DAM Session: DAM Highlights</b>	Bob Little
	<b>Prediction of Ejecta Production and Transport</b>	Guy Dimonte
2:00p – 2:30p	<b>Break</b>	
2:30p – 4:00p	<b>LLNL DAM Session: Predictive Science Assessment Project</b>	Joe Sefcik
	<b>Integration of PEM with Experimental Efforts</b>	Brad Wallin
	<b>Recent Code Developments</b>	Chris Clouse
4:00p	<b>Thanks and Goodbyes Meeting Adjourns</b>	Brian Carnes

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