

**Workshop on CS/Math Institutes and
High Risk / High Payoff Technologies for Applications
October 7-9, 2008
Springhill Suites O'Hare, Chicago, Illinois, USA**
<http://www.csm.ornl.gov/workshops/institutes/>

Tuesday, October 7, 2008

8:00 a.m. Breakfast Hotel Restaurant

9:00 a.m. Welcome Al Geist

9:10 a.m. Workshop Purpose and Expected Results Dan Hitchcock

9:40 a.m. Questions and Answers about Scope and Goals of workshop

10:00 a.m. **Break and split into two tracks**

	Math/CS Institutes Chair: Mike Heroux		High Risk – High Payoff Chair: Phil Colella
10:15 a.m.	Math Libs – Jack Dongarra		Fusion Opportunities – John Cary
11:00 a.m.	Answer PPT questions Relative to this topic		Answer PPT questions relative to these opportunities
12:30	Lunch (provided)		
1:30 p.m.	App Requirements – Trey White		Climate Opportunities – John Drake
2:15 p.m.	Answer PPT questions Relative to this topic		Answer PPT questions relative to these opportunities
3:45 p.m.	Break		
4:00 p.m.	Continue working on questions from morning and afternoon		Continue working on questions from morning and afternoon
5:00 p.m.	Adjourn for day		
	Dinner on own – (go somewhere as group)		

Wednesday, October 8, 2008

8:00 a.m. Breakfast Hotel Restaurant

9:00 a.m. **Dual Tracks Resume with new topics and application areas**

	Math/CS Institutes Chair: Mike Heroux		High Risk – High Payoff Chair: Phil Colella
9:15 a.m.	AMR – Brian van Straalen		Nanotechnology – John Bell
10:00 a.m.	Answer PPT questions Relative to this topic		Answer PPT questions relative to these opportunities
11:30	Lunch (provided)		
12:30 p.m.	PDE Libs – Barry Smith		Nuclear – Andrew Siegel
1:15 p.m.	Answer PPT questions Relative to this topic		Answer PPT questions relative to these opportunities
2:45 p.m.	Break		
3:00 p.m.	Create summary slides/ write-up of Institutes track		Create summary slides/ write-up of High Risk track
5:00 p.m.	Adjourn for day		
	Dinner on own – (go somewhere as group)		

Thursday, October 9, 2008

8:00 a.m. Breakfast Hotel Restaurant

9:00 a.m. Summary of CS/Institutes track tbd

9:30 a.m. Discussion of findings by all attendees

10:00 a.m. **Break**

10:30 a.m. Summary of High Risk- High Payoff technologies tbd

11:00 a.m. Discussion of findings by all attendees

11:30 a.m. **Workshop ends**