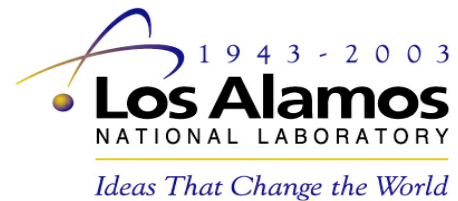


# Agenda



## LACSI Review Los Alamos National Laboratory Research Park, Room 205

November 15-16, 2004

### Monday, November 15<sup>th</sup>

7:30 - 7:45	Bus will pick up visitors at Hilltop House Hotel and travel to LeeRoy Herrera Research Park, Room 205.	
7:45 - 8:15	Continental Breakfast	Hot Rocks
8:15 - 8:30	Review Committee Caucus	
8:30 - 10:30	LACSI Overview	William J. Feiereisen Kenneth W. Kennedy Andrew B. White
10:30 - 11:00	Break/Discussion	
11:00 - 11:30	Predictive Performance Modeling of Systems and Applications	Adolfy Hoisie
11:30 - 12:00	Compilers and Compiler-based Tools for HPC	John Mellor-Crummey
12:00 - 12:30	Science Appliance: Basic Research to Production Impact	Ronald G. Minnich
12:30 - 1:30	Lunch ( <i>Review Committee only</i> )	
1:30 - 2:00	The Challenge of Scale: Fault Tolerance, Performance Analysis and Adaptability	Daniel Reed

Institutional Host: Andrew B. White, CCS-DO, 5-4700  
Technical Co-hosts: Rodney Oldehoeft, CCS-1/5-3663  
Visit Planner: Shirley R. Roybal, CER-1/7-4863  
Visit Liaison: Marion O. Hutton, CER-1/7-8451  
Food Service: ARAMARK  
Hot Rocks

2:00 - 2:30	Fault Tolerance in Message Passing and in Action	Jack Dongarra
2:30 - 3:00	Message Passing: Reliability and Scalability	Richard L. Graham
3:00 - 3:30	System Software for High-Performance Communication	Patrick Bridges
3:30 - 4:00	Break/Discussion	
4:00 - 4:30	Numerical Methods for Diffusion Equations on Distorted Polyhedral Meshes	Yuri A. Kuznetsov
4:30 - 5:00	Verification and Validation Using Code-Based Sensitivity Techniques	Mike Fagan
5:00 - 5:30	Component Integration for High Productivity and High Performance	Kenneth W. Kennedy
5:30 - 6:00	Review Committee Caucus	
6:00	Adjourn	
6:15	Review Committee Dinner, Otowi Cafeteria	LeeRoy Herrera

### **Tuesday, November 16<sup>th</sup>**

7:30 - 7:45	Bus will pick up visitors at Hilltop House Hotel and travel to Research Park, Room 205.	
8:00 - 8:30	Continental Breakfast	Hot Rocks
8:30 - 9:30	Management and Impact	Kenneth W. Kennedy Andrew B. White
9:30 - 11:00	Review Committee Caucus	
11:00 - 12:00	Review Committee Report Presentation and Discussion	
12:00	Adjourn	

Institutional Host: Andrew B. White, CCS-DO, 5-4700  
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