

**AGENDA**  
**ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE**  
**Tuesday, October 28, 2008**  
**Hilton Washington D.C. North - 620 Perry Parkway, Gaithersburg MD 20877**

<b>8:00 AM</b>	<b>PUBLIC REGISTRATION / SWEARING IN OF NEW MEMBERS AND ANNUAL ETHIC BRIEFING FOR ALL ASCAC MEMBERS</b>
<b>9:00 AM</b> <b>9:30 AM</b>	<b>OPENING REMARKS FROM THE COMMITTEE CHAIR</b> Roscoe Giles, ASCAC
<b>9:30 AM</b> <b>10:15 AM</b>	<b>VIEW FROM WASHINGTON AND GERMANTOWN</b> Michael Strayer, ASCR
<b>10:15 AM</b> <b>10:30 AM</b>	<b>BREAK</b>
<b>10:30 AM</b> <b>11:30 AM</b>	<b>REPORT DISCUSSION ON CHARGE - BALANCE</b> ASCAC
<b>11:30 AM</b> <b>12:15 AM</b>	<b>PETASCALE DATA STORAGE INSTITUTE</b> Garth Gibson, CMU
<b>12:15 PM</b> <b>1:30 PM</b>	<b>COMMITTEE LUNCH</b>
<b>1:30 PM</b> <b>2:30 PM</b>	<b>HPC USER PERSPECTIVES</b> Tom Lange, Procter and Gamble
<b>2:30 PM</b> <b>2:50 PM</b>	<b>FACILITIES UPDATE</b> Vince Dattoria, ASCR
<b>2:50 PM</b> <b>3:30 PM</b>	<b>SIMULATING NUCLEAR POWER PLANTS</b> Paul Fischer, Argonne National Laboratory
<b>3:30 PM</b> <b>4:15 PM</b>	<b>UPDATE ON APPLIED MATH PROGRAM</b> Sandy Landsberg, ASCR
<b>4:15 PM</b> <b>5:00 PM</b>	<b>TOWARDS SCALABLE METHODS FOR LARGE-SCALE STATISTICAL INVERSE PROBLEMS</b> Omar Ghattas
<b>5:00 PM</b> <b>5:15 PM</b>	<b>PUBLIC COMMENT</b>
<b>5:15 PM</b>	<b>ADJOURN FOR THE DAY</b>

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<b>8:30 AM</b>	<b>SCIDAC UPDATE (MID-TERM REVIEW PLANS)</b>
<b>9:00 AM</b>	Walt Polansky, ASCR
<b>9:00 AM</b>	<b>EXASCALE WORKSHOPS</b>
<b>9:45 AM</b>	Lali Chatterjee, ASCR
<b>9:30 AM</b>	<b>ASCR RESPONSE TO INCITE COV AND NEW CHARGE –</b>
<b>10:15 AM</b>	<b>COMPUTER SCIENCE COV</b>
	Michael Strayer, ASCR
<b>10:15 AM</b>	<b>BREAK</b>
<b>10:30 AM</b>	
<b>10:30 AM</b>	
<b>10:30 AM</b>	<b>Continued Discussion of Balance Report</b>
<b>11:15 AM</b>	ASCAC
<b>11:15 AM</b>	<b>GRAPHS AND HPC: LESSONS FOR FUTURE ARCHITECTURES</b>
<b>12:00 PM</b>	Bruce Hendrickson, Sandia National Laboratories
<b>12:00 PM</b>	<b>PUBLIC COMMENT</b>
<b>12:15 PM</b>	
<b>12:15 PM</b>	<b>ADJOURN MEETING</b>