

**AGENDA**  
**ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE**  
**Tuesday, November 6, 2007**  
**Hilton Washington D.C. North - 620 Perry Parkway, Gaithersburg MD 20877**

**8:00 AM PUBLIC REGISTRATION**

**9:00 AM OPENING REMARKS FROM THE COMMITTEE CHAIR**

**9:15 AM** Bob Voigt, ASCAC

**9:15 AM VIEW FROM WASHINGTON AND GERMANTOWN**

**9:45 AM** Michael Strayer, ASCR

**9:45 AM BREAK**

**10:00 AM**

**10:00 AM UPDATE ON SCIDAC**

**10:30 AM** Walt Polansky, ASCR

**11:00 AM QUANTUM SIMULATIONS OF MATERIALS AND NANOSTRUCTURE (Q-SIMAN)**

**11:45 AM** Gulia Galli, University of California, Davis

**11:45 PM COMMITTEE LUNCH**

**1:00 PM**

**1:00 PM FUSION SIMULATION PROJECT**

**2:00 PM** David Keyes, Columbia

**2:00 PM NEW CHARGE – ASCR ROLE IN FSP**

**2:15 PM** Michael Strayer, ASCR

**2:15 PM APPLIED MATH UPDATE**

**2:45 PM** Homer Walker, ASCR

**2:45 PM BREAK**

**3:00 PM**

**3:00 PM REPORT DISCUSSION ON CHARGE - NETWORKING**

**3:45 PM** Ellen Stechel, ASCAC

**3:45 PM REPORT DISCUSSION ON CHARGE - JOINT PANEL WITH BERAC ON GTL**

**4:30 PM** Rick Stevens, ASCAC

**4:30 PM THE ROLE OF HPC IN NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA)**

**5:00 PM** Dimitri Kusnezov, NNSA

**5:00 PM PUBLIC COMMENT**

**5:15 PM**

**5:15 PM ADJOURN FOR THE DAY**

**AGENDA**  
**ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE**  
**Wednesday, November 7, 2007**  
**Hilton Washington D.C. North - 620 Perry Parkway, Gaithersburg MD 20877**

**9:00 AM REPORT DISCUSSION ON CHARGE - JOINT PANEL WITH**  
**9:45 AM BERAC ON CLIMATE**  
Jim Hack, ASCAC

**9:45 AM APPLIED MATHEMATICS STRATEGIC PLANNING**  
**10:15 AM** David Brown, LLNL

**10:15 AM BREAK**  
**10:30 AM**

**10:30 AM PIONEER APPLICATIONS AT THE LCF**  
**11:30 AM** Douglas Kothe, ORNL

**11:30 AM NEW CHARGE – COMMITTEES OF VISITORS**  
**11:45 AM** Michael Strayer, ASCR

**11:45 AM PUBLIC COMMENT**  
**12:00 PM**

**12:00 PM ADJOURN MEETING**