

**AGENDA**  
**ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE**  
**Tuesday, November 3, 2009**  
**ORAU Technology Center – Main Entrance, Building is MC-100,**  
**100 ORAU Way, Oak Ridge, TN 37830**

**8:00 AM**  
**9:00 AM** **PUBLIC REGISTRATION**

**9:00 AM** **OPENING REMARKS FROM THE COMMITTEE CHAIR**  
**9:05 AM** Roscoe Giles, ASCAC

**9:05 AM** **VIEW FROM WASHINGTON AND GERMANTOWN**  
**10:00 AM** Michael Strayer, ASCR

**10:00 AM**  
**10:15 AM** **BREAK**

**10:15 AM** **HIGH-PERFORMANCE MOLECULAR SIMULATION IN THE ENERGY BIOSCIENCES**  
**10:45 AM** Jeremy Smith, Oak Ridge National Laboratory

**10:45 AM** **ESNET SUPPORT FOR END USERS OF DOE SUPERCOMPUTERS**  
**11:00 AM** Larry Smarr, ASCAC

**11:00 AM** **ISICLES: ICE SHEET INITIATIVE FOR CLIMATE EXTREMES**  
**11:45 PM** Kate Evans, Oak Ridge National Laboratory

**11:45 AM** **ASCAC CHARGE**  
**12:00 PM** Michael Strayer, ASCR

**12:00 PM**  
**1:15 PM** **COMMITTEE LUNCH**

**1:15 PM** **ADJOURN FOR THE DAY (BOARD BUS TO OAK RIDGE NATIONAL LABORATORY)**

**TOUR OF OAK RIDGE NATIONAL LABORATORY**

Open to all interested U.S. citizens via pre-registration

- 1:30 PM** - Center for Nanophase Materials Science
- 5:45 PM** - Spallation Neutron Source
- BioEnergy Science Center (BESC)
- Leadership Computing Facilities

**COMMITTEE DINNER**

- 5:45 PM** Thom Mason, Director, Oak Ridge National Laboratory
- 7:30 PM** Open to all interested U.S. citizens a via pre-registration (notice: the cost to all participants, for food, will be approximately \$30)

**AGENDA**  
**ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE**  
**Wednesday, November 4, 2009**  
**ORAU Technology Center – Main Entrance, Building is MC-100,**  
**100 ORAU Way, Oak Ridge, TN 37830**

**8:00 AM**  
**8:30 AM** **PUBLIC REGISTRATION**

**8:30 AM** **SOLVING NANOSCIENCE PROBLEMS USING HIGH PERFORMANCE COMPUTING**  
**9:15 AM** Peter Cummings, Oak Ridge National Laboratory

**9:15 AM** **MODELING AND SIMULATION IN THE OFFICE OF NUCLEAR ENERGY**  
**10:00 AM** Alex Larzelere, Office of Nuclear Energy

**10:00 AM** **ASCAC DISCUSSION OF CHARGE**  
**10:15 AM** Roscoe Giles, ASCAC

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

**10:30 AM** **UPDATE ON ASCR RECOVERY ACT PROJECTS**  
**11:00 AM** Michael Strayer, ASCR

**11:00 AM** **ASCR JOINT MATH/CS INSTITUTE: PREPARING THE ROAD TO EXASCALE**  
**11:45 AM** AL Geist, Oak Ridge National Laboratory

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

**12:00 PM** **ADJOURN MEETING**