AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Tuesday, August 11, 2009
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

8:00 AM  PUBLIC REGISTRATION
9:00 AM  CLOSED ASCAC MEETING – SWEARING IN OF NEW MEMBERS
9:00 AM  DOE Human Resources
9:00 AM  OPENING REMARKS FROM THE COMMITTEE CHAIR
9:05 AM  Roscoe Giles, ASCAC
9:05 AM  OFFICE SCIENCE UPDATE
10:00 AM  William Brinkman, Director of the Office of Science
10:00 AM  BREAK
10:15 AM  ASCR UPDATE
11:00 AM  Michael Strayer, ASCR
11:00 AM  DEPARTMENT OF ENERGY SCIENCE
11:45 AM  Steven Koonin, Under Secretary for Science
11:45 AM  COMMITTEE LUNCH
1:00 PM  HIGH PERFORMANCE COMPUTING FOR RENEWABLE ENERGY
1:45 PM  Steve Hammond, National Renewable Energy Laboratory
1:45 PM  DISCUSSION OF THE NATIONAL RESEARCH COUNCIL’S REPORT ON THE
2:30 PM  ILLUSTRATIVE FIELDS OF SCIENCE AND ENGINEERING
2:30 PM  Phil Colella, Lawrence Berkeley National Laboratory
2:30 PM  BREAK
2:45 PM  EMERGING STANDARDS AND TOOLS RELATED DEVELOPMENT INCLUDING
3:45 PM  COMPILER INFRASTRUCTURE AND OPTIMIZATION
3:45 PM  Roch Archambault, IBM Toronto Lab
3:30 PM  ARRA UPDATE – MAGELLAN (CLOUD COMPUTING FOR SCIENCE), LEADERSHIP
4:00 PM  COMPUTING UPGRADE, AND ADVANCED COMPUTER ARCHITECTURES
4:00 PM  Dan Hitchcock, ASCR
4:00 PM  ARRA UPDATE – ADVANCED NETWORKING INITIATIVE, SCIDAC-E
4:45 PM  Vince Dattoria and Walt Polansky, ASCR
4:45 PM  PUBLIC COMMENT
5:00 PM  ADJOURN FOR THE DAY

DINNER SPEAKER – SOMMER GENTRY, U.S. NAVAL ACADEMY
AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Wednesday, August 12, 2008
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

8:30 AM  UPDATE FROM THE ASCAC COMMITTEE OF VISITORS
          Dona Crawford, Lawrence Livermore National Laboratory

9:15 AM  HIGH PERFORMANCE COMPUTING AT THE NATIONAL SCIENCE FOUNDATION
          Ed Seidel, National Science Foundation

10:00 AM BREAK

10:15 AM REPORT ON “CHALLENGES IN CLIMATE CHANGE SCIENCE AND THE ROLE OF
        COMPUTING AT THE EXTREME SCALE”
        Warren Washington, National Center for Atmospheric Research

11:00 AM PETASCALE SCIENCE
        Doug Kothe, Oak Ridge National Laboratory

11:45 AM PUBLIC COMMENT

12:00 PM ADJOURN MEETING