

AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Tuesday, October 30, 2012
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

**8:00 AM-
9:00 AM**

PUBLIC REGISTRATION

**8:30 AM-
9:00 AM**

ASCAC ADMINISTRATIVE UPDATE –*session intended for ASCAC and the public do not need to attend*
Dan Hitchcock, Associate Director of the Office of Science for ASCR

**9:00 AM-
9:05 AM**

OPENING REMARKS FROM THE COMMITTEE CHAIR
Roscoe Giles, ASCAC

**9:05 AM-
9:50 AM**

VIEW FROM WASHINGTON
William Brinkman, Director of the Office of Science

**9:50 AM-
10:30 AM**

VIEW FROM GERMANTOWN
Daniel Hitchcock, Associate Director of the Office of Science for ASCR

**10:30 AM-
10:45 AM**

BREAK

**10:45 AM-
11:30 AM**

CO-DESIGN UPDATE
Robert Rosner, Argonne National Laboratory

**11:30 AM -
NOON**

DATA SUBCOMMITTEE UPDATE
Vivek Sarkar, ASCAC

**NOON -
1:30 PM**

COMMITTEE LUNCH

**1:30 PM-
2:15 PM**

BLUE GENE/Q ARCHITECTURE
Scott Parker, Argonne National Laboratories

**2:15 PM-
3:00 PM**

ESNET-5
Gregory Bell, Lawrence Berkeley National Laboratory (ESnet)

**3:00 PM-
3:45 PM**

TRANSFORMING GEANT4 FOR THE FUTURE
Bob Lucas, University of Southern California

**3:45 PM
4:00 PM**

BREAK

**4:00 PM
4:30 PM**

NEXT-GENERATION OPTIMIZATION UNDER UNCERTAINTY: STRUCTURE-ORIENTED ALGORITHMS
Victor Zavala, Argonne National Laboratory

**4:30 PM
4:45 PM**

FACILITIES UPDATE
Barb Helland, ASCR

**4:45 PM
5:00 PM**

PUBLIC COMMENT

5:00 PM

ADJOURN FOR THE DAY

AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Wednesday, October 31, 2012
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

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

8:30 AM **UPDATE ON EXASCALE**
9:00 AM Bill Harrod, ASCR

9:00 AM **FAULT RESILIENCE OF AN ALGEBRAIC MULTI-GRID SOLVER**
9:45 AM Bronis de Supinski, Lawrence Livermore National Laboratory

9:45 AM **INCITE UPDATE**
10:30 AM Julie White, Oak Ridge National Laboratory

10:30 AM **BREAK**
10:45 AM

10:45 AM **PROGRAM RESPONSE TO COMPUTER SCIENCE COMMITTEE OF VISITORS**
11:30 AM Lucy Nowell, ASCR

11:30 PM **NEW CHARGE**
11:45 PM Dan Hitchcock, ASCR

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

12:00 PM **ADJOURN MEETING**