

AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Tuesday, December 20, 2016
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

- 8:00 AM-
8:30 AM PUBLIC REGISTRATION**
- 8:30 AM-
8:35 AM OPENING REMARKS FROM THE COMMITTEE CHAIR**
Dan Reed, ASCAC
- 8:35 AM-
9:00 AM VIEW FROM WASHINGTON**
Cherry Murray, Director of the Office of Science
- 9:00 AM-
9:30 AM VIEW FROM GERMANTOWN**
Barbara Helland, Associate Director of the Office of Science for ASCR (Acting)
- 9:30 AM-
10:00 AM NEW CHARGE - COMMITTEE OF VISITORS FOR ASCR RESEARCH**
Barb Helland, ASCR
- 10:00 AM-
10:15 AM BREAK**
- 10:15 AM-
11:00 AM UPDATE ON THE EXASCALE COMPUTING PROJECT**
Paul Messina, Argonne National Laboratory
- 11:00 AM-
11:30 AM DISCUSSION OF EXASCALE ACTIVITIES**
ASCAC
- 11:30 AM-
12:15 PM THE NEED FOR A NEW PUBLIC-PRIVATE PARTNERSHIP IN MICROELECTRONICS**
Deborah Wince-Smith, Council on Competitiveness
- 12:15 PM
1:30 PM COMMITTEE LUNCH**
- 1:30 PM-
2:00 PM ASCR PRELIMINARY PLAN FOR COMPUTING “BEYOND MOORE’S LAW”**
Ceren Susut-Bennett, ASCR
- 2:00 PM-
2:30 PM DISCUSSION OF ASCR PLAN**
ASCAC
- 2:30 PM-
3:15 PM FPGAS FOR SUPERCOMPUTING: THE WHY AND HOW**
Hal Finkel, Argonne National Laboratory
- 3:15 PM-
3:30 PM BREAK**
- 3:30 PM-
4:15 PM LONG RANGE PLANNING ACTIVITY**
Bill Harrod, ASCR
- 4:15 PM-
4:40 PM DISCUSSION OF PLANING ACTIVITY**
ASCAC
- 4:40 PM-
5:00 PM UPDATE ON LDRD SUBCOMMITEE**
Martin Berzins, ASCAC
- 5:00 PM-
5:30 PM TOOL FOR ESTIMATING RETURN ON INVESTMENTS FROM HPC**
Earl Joseph, IDC
- 5:30 PM-
6:00 PM PUBLIC COMMENT AFTER WHICH ASCAC WILL ADJOURN FOR THE DAY**