AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Wednesday, December 9, 2015
American Geophysical Union - 2000 Florida Avenue, NW, Washington, DC

8:00 AM **PUBLIC REGISTRATION**

8:00 AM- **SWEARING IN OF NEW ASCAC MEMBERS** *– session intended for ASCAC and the public do*
8:30 AM *not need to attend*

8:30 AM- **OPENING REMARKS FROM THE COMMITTEE CHAIR AND INTRODUCTION OF**
8:45 AM **NEW MEMBERS**
Dan Reed, ASCAC

8:45 AM- **VIEW FROM GERMANTOWN**
9:45 AM Steven Binkley, Associate Director of the Office of Science for Advanced Scientific Computing
Research, Office of Science, U.S. Department of Energy

9:45 AM- **THE ROLE OF HPC IN FUSION ENERGY SCIENCES**
10:45 AM Ed Synakowski, Associate Director of the Office of Science for Fusion Energy Sciences

10:45 AM- **BREAK**
11:00 AM

11:00 AM- **THE NATIONAL STRATEGIC COMPUTING INITIATIVE**
11:45 AM Erin Szulman, Office of Science and Technology Policy

11:45 AM **COMMITTEE LUNCH**
1:30 PM

1:30 PM- **PROGRAM RESPONSE TO THE REPORT FROM ASCAC SUBCOMMITTEE ON OSTI**
2:15 PM Brian Hitson, Office of Scientific and Technical Information, U.S. Department of Energy

2:15 PM- **REQUIREMENTS REVIEWS AND RELATED ACTIVITIES**
3:00 PM Barbara Helland, Advanced Scientific Computing Research

3:00 PM- **BREAK**
3:15 PM

3:15 PM- **UPDATE ON CASL**
4:15 PM Alex Larzelere, Office of Nuclear Energy, U.S. Department of Energy

4:15 PM- **MEMORY ERRORS: RESULTS OF A 4 YEAR FIELD STUDY OF MEMORY ERROR ON**
5:15 PM **DOE SUPERCOMPUTERS, WITH PROJECTIONS TO THE FUTURE**
John Shalf, Lawrence Berkeley National Laboratory

5:15 PM- **PUBLIC COMMENT AFTER WHICH ASCAC WILL ADJOURN**
5:30 PM

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8:00 AM   **PUBLIC REGISTRATION**

8:30 AM-   **OPENING REMARKS FROM THE COMMITTEE CHAIR**
8:35 AM   Dan Reed, ASCAC

8:35 AM-   **REPORT FROM THE NETWORKING COMMITTEE OF VISITORS**
9:30 AM   Wendy Huntoon, ASCAC

9:30 AM-   **NERSC SYSTEMS ROADMAP AND PLANS FOR SUPPORTING EXTREME DATA SCIENCE**
10:30 AM   Richard Gerber, Lawrence Berkeley National Laboratory

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

10:45 AM-   **REVERSIBLE SOFTWARE EXECUTION SYSTEMS**
11:45 AM   Kalyan S. Perumalla, Oak Ridge National Laboratory

11:45 AM-
NOON   **PUBLIC COMMENT AFTER WHICH ASCAC WILL ADJOURN**