

DRAFT AGENDA
ADVANCED SCIENTIFIC COMPUTING ADVISORY COMMITTEE
Monday, September 17, 2018
Holiday Inn Capitol – 550 C Street SW, Washington, DC 20024

- 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-
9:30 AM** **VIEW FROM GERMANTOWN**
Barbara Helland, Associate Director of the Office of Science for ASCR
- 9:30 AM-
10:15 AM** **ARTIFICIAL INTELLIGENCE AT THE EDGE R&D**
Pete Beckman, Argonne National Laboratory
- 10:15 AM-
10:30 AM** **BREAK**
- 10:30 AM-
11:00 AM** **VIEW FROM WASHINGTON**
J. Stephen Binkley, Deputy Director of the Office of Science for Programs
- 11:00 AM-
12:15 AM** **NCI UPDATE**
Carolyn Lauzon, ASCR; Fred Streitz, Lawrence Livermore National Laboratory; and Martin Berzins, ASCAC
- 12:15 AM-
1:30 PM** **LUNCH**
- 1:30 PM-
2:30 PM** **EXASCALE UPDATE**
Doug Kothe, Oak Ridge National Laboratory and Mike Heroux, Sandia National Laboratories
- 2:30 PM-
2:45 PM** **BREAK**
- 2:45 PM-
3:30 PM** **QUANTUM-ACCELERATED HIGH-PERFORMANCE COMPUTING - EARLY CAREER**
Travis Humble, Oak Ridge National Laboratory
- 3:30 PM-
4:15 PM** **PREDICTIVE SCIENTIFIC SIMULATIONS FOR COMPLEX SYSTEMS – EARLY CAREER**
Emil Constantinescu, Argonne National Laboratory
- 4:15 PM-
5:00 PM** **PHOTONIC INTEGRATED SUBSYSTEMS FOR NEXT GENERATION LEADERSHIP CLASS HPC**
Keren Bergman, ASCAC
- 5:00 PM-
5:15 PM** **PUBLIC COMMENT AFTER WHICH ASCAC WILL ADJOURN FOR THE DAY**

Zoom meeting. Join from PC, Mac, Linux, iOS or Android: <https://science.zoom.us/j/843802982>

Or join by phone: +1 646 876 9923 (US Toll) or +1 669 900 6833 (US Toll) Meeting ID: 843 802 982

Or join from a H.323/SIP room system: H.323: 162.255.37.11 (US West) or 162.255.36.11 (US East)
Meeting ID: 843 802 982 SIP: 843802982@zoomcrc.com

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- 8:00 AM-8:30 AM PUBLIC REGISTRATION**
- 8:30 AM-9:00 AM NEW ASCAC CHARGE**
Barbara Helland, Associate Director of the Office of Science for ASCR
- 9:00 AM-9:45 AM UPDATE ON SUBCOMMITTEE DOCUMENTING ASCR IMPACTS**
Paul Messina, Argonne National Laboratory
- 9:45 AM-10:45 AM UPDATE ON SUMMIT**
Buddy Bland, Oak Ridge National Laboratory
- 10:45 AM-11:00 AM BREAK**
- 11:00 AM-11:45 AM BASIC RESEARCH NEEDS FOR MICROELECTRONICS WORKSHOP**
Andrew Schwartz, Office of Science
- 11:45 AM-NOON PUBLIC COMMENT AFTER WHICH ASCAC WILL ADJOURN**

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