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 - 9:05 AM VIEW FROM WASHINGTON
J. Stephen Binkley, Deputy Director of the Office of Science for Programs

9:05 AM - 10:00 AM VIEW FROM GERMANTOWN
Barbara Helland, Associate Director of the Office of Science for ASCR

10:00 AM - 10:15 AM BREAK

10:15 AM - 11:00 AM ARTIFICIAL INTELLIGENCE AT THE EDGE R&D
Pete Beckman, Argonne National Laboratory

11:00 AM - 12:15 AM NCI UPDATE
Carolyn Lauzon, ASCR; Fred Streitz, Lawrence Livermore National Laboratory; and Martin Berzins, ASCAC

12:15 PM - 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
AGENDA
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Tuesday, September 18, 2018
Holiday Inn Capitol – 550 C Street SW, Washington, DC 20024

8:00 AM- 8:30 AM  PUBLIC REGISTRATION

8:30 AM- 9:30 AM  UPDATE ON SUBCOMMITTEE DOCUMENTING ASCR IMPACTS
Paul Messina, Argonne National Laboratory

9:30 AM- 10:30 AM  UPDATE ON SUMMIT
Buddy Bland, Oak Ridge National Laboratory

10:30 AM- 10:45 AM  BREAK

10:45 AM- 11:15 AM  NEW ASCAC CHARGE
Barbara Helland, Associate Director of the Office of Science for ASCR

11:15 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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