



EXASCALE COMPUTING PROJECT

Exascale Computing Project Industry Council

October 17, 2019

Oak Ridge National Laboratory (ORNL)

Meeting Agenda

Note that this agenda is designed to be highly interactive with discussion on each topic. More time can be spent on certain areas if discussion warrants.

- 7:45 a.m. Bus Departs ORNL Guest House for Meeting Room**
Take shuttle bus to ORNL Meeting Room.
- 8:00 a.m. Working Breakfast: Host Welcome, Safety Talk, Agenda Review, Goals for the Day**
Jeff Nichols
Associate Laboratory Director, Computing and Computational Sciences
Oak Ridge National Laboratory
- Suzy Tichenor, Co-Executive Director, ECP Industry Council*
David Martin, Co-Executive Director, ECP Industry Council
- 8:30 a.m. Welcome from the Chair**
Dave Kepczynski
Chair, ECP Industry Council
- 8:45 a.m. U.S. Exascale Computing Project: Director's Update**
Doug Kothe
Director, Exascale Computing Project
- 9:45 a.m. Strategic Talk #1: Lessons Learned, Pitfalls Encountered, Guidance for Industry on How to Prepare for Exascale**
Mike Heroux
Director, ECP Software Technology
- 10:30 a.m. Break**
- 10:45 a.m. Industry Lightning Talk #1: Getting Ansys and its Customers Ready for Exascale**
Dipankar Choudhury
Vice President, Program Management & Research
ANSYS, Incorporated



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- 11:15 a.m. After ECP: Key Elements of ECP That Should Transition into DOE's Research Portfolio**
Roscoe Giles, Boston University
DOE Advanced Scientific Computing Advisory Committee (ASCAC)
- 12:00 p.m. Working Lunch: DOE's Artificial Intelligence Program**
Jeff Nichols
Associate Laboratory Director, Computing and Computational Sciences
Oak Ridge National Laboratory
- 1:00 p.m. Exascale Systems Coming to DOE**
Susan Coghlan
Deputy Director, ECP Hardware & Integration and
Aurora Project Director, Argonne National Laboratory
- Justin Whitt*
Frontier Project Director, Oak Ridge Leadership Computing Facility, Oak Ridge
National Laboratory
- Terri Quinn*
Director, ECP Hardware & Integration and
Associate Program Director for Livermore Computing, Lawrence Livermore National
Laboratory
- 1:45 p.m. Break/Group Photo**
- 2:15 p.m. Strategic Talk #2: Strategic Lessons Learned from Exascale Application Development**
Andrew Siegel
Director, ECP Application Development
- 3:00 p.m. Industry Lightning Talk #2: Getting Cascade Technologies and its Customers Ready for Exascale**
Frank Ham
President and CEO, Cascade Technologies, Inc.
- 3:30 p.m. Expanding Technical Engagement with the ECP Industry Council's Technical Staff**
Dave Kepczynski
Chairman, ECP Industry Council
- 4:00 p.m. Industry Council Member Roundtable Discussion**



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- 5:00 p.m. Next Steps**
- 5:15 p.m. Adjourn - Bus Departs for Manufacturing Demonstration Facility (MDF)**
- 5:45 p.m. MDF Tour**
Bill Peter
Director, Manufacturing Demonstration Facility
Oak Ridge National Laboratory
- 6:15 p.m. Reception at MDF**
- 6:45 p.m. Working Dinner at MDF**
Bill Peter
Director, Manufacturing Demonstration Facility
Oak Ridge National Laboratory
- 8:00 p.m. Bus Returns to Guest House**