



Exascale Computing Project Industry Council

October 18, 2017

**Building 453, Black Diamond Room
Lawrence Livermore National Laboratory**

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.

- 7:15 a.m. Board Bus at Hilton Garden Inn**
Take shuttle bus to Lawrence Livermore National Laboratory security center to pick up badges; proceed to conference room.
- 8:15 a.m. Welcome/Working Breakfast**
*Terri Quinn, Director, ECP Hardware and Integration
Department Head, Computing, Lawrence Livermore National Laboratory*
- Patricia Falcone
Deputy Director for Science and Technology, Lawrence Livermore National Laboratory*
- 8:45 a.m. Meeting Kickoff**
*Michael McQuade, ECP Industry Council Chair
David Martin, Co-Executive Director, Industry Council
Suzy Tichenor, Co-Executive Director, Industry Council*
- 9:00 a.m. Introduction of New ECP Project Director**
*Michael McQuade, ECP Industry Council Chair
Doug Kothe, ECP Project Director*
- 9:15 a.m. U.S. Exascale Computing Project: Director's Update**
Doug Kothe, ECP Project Director



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- 9:45 a.m. ECP Software Development Update and Demonstration of the ECP ExaSky Cosmology Application and its Use of ECP Software Technology Capabilities**
Rajeev Thakur, ECP
Jim Ahrens, ECP Data Analytics and Visualization Lead
- 11:00 a.m. Break /Take Group Photo**
- 11:30 a.m. Lightning Round Talks on Industry Requirements**
Alan Palkowitz, Vice President, Discovery Chemistry Research and Technologies
Eli Lilly and Company

Amit Verma, Senior Director - Engineering Services
Whirlpool Corporation
- 12:00 p.m. Working Lunch: Gaining Access to Department of Energy HPC Systems and Expertise**
Suzy Tichenor, Director, Industrial Partnerships Program, Computing and Computational Sciences, Oak Ridge National Laboratory

David Martin, Manager, Industry Partnerships and Outreach, Argonne Leadership Computing Facility, Argonne National Laboratory

Lori Diachin, HPC4Mfg Program Director, Lawrence Livermore National Laboratory

Wayne Miller, Deputy Director, High Performance Computing Innovation Center, Lawrence Livermore National Laboratory
- 1:15 p.m. Hardware Technology Update**
Terri Quinn, Director, ECP Hardware and Integration
- 1:45 p.m. Application Development Update**
Erik Draeger, ECP Deputy Director, Application Development
- 2:15 p.m. Break**



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- 2:30 p.m. Lightning Round Talks on Industry Requirements**
*Abdul Dulloo, Director of Technology Development & Application
The Westinghouse Electric Corporation*
- Harold Schmitz, Chief Science Officer
Mars, Incorporated*
- 3:00 p.m. Communications & Outreach Update**
*David Martin, Co-Executive Director, ECP Industry Council
Suzy Tichenor, Co-Executive Director, ECP Industry Council
Mike Bernhardt, ECP Communications Manager*
- 3:15 p.m. Member Roundtable Discussion**
- 4:15 p.m. Next Steps/Closing Remarks**
*Michael McQuade, ECP Industry Council Chair
Doug Kothe, ECP Project Director
David Martin, Co-Executive Director, Industry Council
Suzy Tichenor, Co-Executive Director, Industry Council*
- 4:30 p.m. Adjourn: Quick Break/Bus Leaves for the National Ignition Facility**
- 5:00 p.m. Tour of National Ignition Facility**
- 6:00 p.m. ECP Working Reception/Dinner at LLNL Central Cafeteria**
*Charlie Verdon, Principal Associate Director, Weapons and Complex Integration
Directorate, Lawrence Livermore National Laboratory*
- 8:00 p.m. Adjourn, Bus Leaves for Hilton Garden Inn**
- 8:30 p.m. Bus Arrives at Hilton Garden Inn**