

2016 OLCF User Meeting
“Closing in on the Summit”
Draft

Day 1
Tuesday, May 24

Session Chair #1 - Ashley Barker

- 8:00 Registration Begins
- 8:30 Continental Breakfast
- 8:45 Welcome Address
OLCF Staff
- 9:00 Keynote Address
Paul Messina,
Senior Strategic Advisor/Argonne Distinguished Fellow and Project
Director, Exascale Computing Project
- 10:00 Networking Break
- 10:30 Poster Slam #1
- 11:00 Invited Talk
- 11:30 Invited Talk
- 12:00 Table Top Lunch

Session Chair #2 – Judy Hill

- 1:15 Poster Slam #2
- 1:45 Invited Talk
Gaute Hagen,
Research and Development Staff Member at Oak Ridge National
Laboratory
- 2:15 Invited Talk
Gustav Jansen,
Computational Scientist at the Oak Ridge Leadership Computing Facility

- 2:45 Networking Break
- 3:15 Introduction to OLCF's Advanced Data and Workflow Group
Sreenivas Sukumar,
Group Leader for the Advanced Data and Workflow Group at the Oak Ridge Leadership Computing Facility
- 4:00 Tour of the OLCF and EVEREST
- 5:00 Poster Session
- 6:00 Poster Session Ends
- 6:15 Bus Departs for DoubleTree Hotel in Oak Ridge

Day 2
Wednesday, May 25

Session Chair #3 –Jack Wells

- 8:00 Registration Begins
- 8:30 Continental Breakfast
- 8:45 Welcome & Day 2 Agenda Review
Jack Wells,
NCCS Director of Science
- 9:00 Invited Talk: Science of High-Energy Density Plasmas
Professor Amitava Bhattacharjee,
Professor of Astrophysical Sciences Head, Theory Department, Princeton Plasma Physics Laboratory
- 9:30 Invited Talk
- 10:00 Networking Break
- 10:30 Invited Talk
Mark Taylor,
Chief Computational Scientist for Accelerated Climate Modeling for Energy and Mathematician at Sandia National Laboratories

- 11:00 Invited Talk: Porting and Optimizing ACME for Efficient Simulation on Titan and Summit
Matt Norman,
Computational Scientist, Oak Ridge National Laboratory
- 11:30 Invited Talk
Sergei Kalinin,
Laboratory Scientist, Oak Ridge National Laboratory
- 12:00 Invited Talk: Enabling Big Data Analytics for Nanophase Materials Imaging with BEAM
Eric J. Lingerfelt,
Technical Staff Member and Software Engineer at Oak Ridge National Laboratory

Session Chair #4 –Suzanne Parete-Koon

- 12:30 Lunch – Summit Update
Buddy Bland, Project Director, Oak Ridge Leadership Computing Facility
- 1:45 Invited Talk: CFD Modeling for Industrial Fire and Suppression using HPC
Yi Wang,
Manager - Fire Dynamics Group
FM Global, Research Division
- 2:15 Invited Talk: Scaling up your Application I/O using ADIOS
Norbert Podhorszki,
Oak Ridge National Laboratory
- 2:45 Networking Break
- 3:15 OUG Business Session –Led by OLCF Executive Board
- 4:30 Group Photo and set up for dinner
- 5:00 Dinner
Guest Speaker, Thomas Zacharia
Deputy Director for Science and Technology, Oak Ridge National Laboratory

Day 3
Thursday, May 26

Session Chair #5 – Tjerk Straatsma

- 8:00 Registration Begins
- 8:30 Continental Breakfast
- 8:45 Welcome & Day 3 Agenda Review
Tjerk Straatsma,
Group Leader for Scientific Computing at the Oak Ridge Leadership Computing Facility
- 9:00 Keynote Address
Jacqueline Chen,
Distinguished Member of Technical Staff at the Combustion Research Facility at Sandia National Laboratories
- 9:45 Task Based Programming – Legion
- 10:15 Break
- 10:30 Task Based Programming – Uintah
Professor Martin Berzins,
School of Computing, University of Utah
- 11:00 Task Based Programming - Charm++
- 11:30 Task Based Programming – MADNESS
- 12:00 Task Based Programming Panel
Moderated by Hai Ah Nam,
Scientist, CCS-2, Los Alamos National Laboratory
- 12:30 OLCF User Council Election Results
Suzanne Parete-Koon,
Oak Ridge Leadership Computing Facility
- 12:45 OLCF Staff/Executive Council Panel – Open Discussion and Feedback to the OLCF
- 1:15 Depart ORNL (Lunch on your own)