

ALICE-USA Computing Workshop



- **Purpose:**
 - Evaluate how the project is meeting or failing to meet goal
 - Prepare US team for upcoming year of tasks
 - Please be proactive → help shape the workshop for your needs
- **Upcoming Challenges:**
 - Finish transitioning to a new center @ LBNL
 - New people on PDSF operations
 - PDSF operations are evolving!
- **Helpful links:**
 - Annual US meeting
 - 2015 <https://indico.cern.ch/event/366989/>
 - 2014 <https://indico.cern.ch/event/310399/>
 - Annual T1/T2 workshops
 - 2015 <https://indico.cern.ch/event/354209/>
 - 2014 <https://indico.cern.ch/event/274974/>
 - 2013 <https://indico.in2p3.fr/event/8114/>

ALICE-USA Computing Workshop



Session	Time	Location	Focus
Monday Afternoon	13:30-17:00	Bld 2-100B	Project Status & 2016 Planning
Tuesday Morning	9:30-12:30	70-228 Theory Lounge	Monitoring & Site services overview
Tuesday Afternoon	13:30-17:00	Bld 59 – 4018	Migration of workflow to NERSC HPC / Cori
Weds Morning	9:30-12:00	70-228 Theory Lounge	Site Services continued & fill out task list



70-228 Theory Lounge
Tues & Wed mornings

Jeff & Lady offices:
Bld 70, rm 310 & 319A

Monday
Bldg 2 - 100B

CRT Bld: 4018
Tues afternoon

Cafeteria
Bldg 54

Monday Afternoon

Monday, 14 March 2016

- 13:30 - 17:15 ALICE Grid & US Status Reports
Convener: Jeff Porter (Lawrence Berkeley National Lab. (US))
- 13:45 **Welcome, Logistics, Goals & Introductions 15'**
Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))
- 14:00 **ALICE-USA Computing Project Status 30'**
Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))
- 14:30 **ALICE Grid Operations & Plans for 2016 30'**
Speaker: Latchezar Betev (CERN)
- 15:00 **Coffee break 15'**
- 15:15 **PDSF operations overview 30'**
Speaker: Dr. James Botts (LBNL)
- 15:45 **CADES operations overview 30'**
Speaker: Pete Eby (Oak Ridge National Laboratory - (US))
- 16:15 **Overview of Computing Project 2016 Plans 15'**
Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))
- 16:30 **Open Discussion on operations and update deployment plan 45'**
Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))

detailed talks
loaded up front so
we can shift to
later as needed

Tuesday Morning & Afternoon



Tuesday, 15 March 2016

- 09:30 - 12:30 **Site Service Status**
Location: 70-228: Nuclear Theory Lounge
- 09:30 **Overview of Goals & Overflow from Monday 15'**
Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))
- 09:45 **Site Monitoring 30'**
Speaker: Costin Grigoras (CERN)
- 10:15 **Open Science Grid 15'**
Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))
- 10:30 **EOS experience 15'**
Speaker: Pete Eby (Oak Ridge National Laboratory - (US))
- 10:45 **coffee 15'**
- 11:00 **Hands-On Resource Configuration 1h30'**
Walk through EOS and VO Box configurations with experts
Speakers: Jeff Porter (Lawrence Berkeley National Lab. (US)), Pete Eby (Oak Ridge National Labor:
(US)), James Botts (LBNL)
- 13:30 - 18:00 **Migration to NERSC HPC, Cori**
Location: 59-4018-CR
- 14:00 **Tour of new Data Center (TBD) 30'**
- 14:30 **Cori Overview: Phase I and Phase II 20'**
Speakers: Wahid Bhimji (Lawrence Berkeley National Lab. (US)), Jeff Porter (Lawrence Berkeley
National Lab. (US))
- 14:50 **Initial payload tests & CVMFS workplan 20'**
Speaker: Markus Fasel (Lawrence Berkeley National Lab. (US))
- 15:10 **Coffee Break 10'**
- 15:20 **ALICE Grid Requirements for HPC 20'**
Speaker: Latchezar Betev (CERN)
- 15:40 **Cori, Shifter & CVMFS 40'**
*General discussion on how Cori can meet ALICE Grid requirements. Shifter & with CVMFS access model are
provided at possible tools.*
Speakers: Jeff Porter (Lawrence Berkeley National Lab. (US)), Shane Canon (NATIONAL ENERGY
RESEARCH SCIENTIFIC COMPUTING CENTER), Lisa Gerhardt (LBNL)
- 16:20 **Game Plan for Cori R&D Effort, use of other US resources 40'**



Jeff Porter LBNL

Wednesday Morning



Wednesday, 16 March 2016

09:00 - 12:50

Site Service Operations

Location: 70-228: Nuclear Theory Lounge

09:00 **Hands On overflow from Tuesday 1h45'**

Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))

10:45 **Coffee 15'**

11:00 **Project Task Discussion 1h0'**

Discuss upcoming tasks and timeline for effort

Speaker: Jeff Porter (Lawrence Berkeley National Lab. (US))

12:00 **Longer term R&D for Analysis Facility 30'**

Speakers: Latchezar Betev (CERN), Jeff Porter (Lawrence Berkeley National Lab. (US))

To help us work ...

- **Espresso & Cookies provided**
- **Cafeteria for lunch & morning muffins**

- **What about an evening out?**
 - Suggest Tuesday Night ...
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