

OSG All Hands Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome Keynote

Monday, 19 March 2012 08:30 (20 minutes)

Presenter: Dr PAUL, Prem (VC Research, UNL)

Session Classification: Plenary

Contribution ID: 1

Type: **not specified**

Security at OSG

Monday, 19 March 2012 15:45 (30 minutes)

Session Classification: OSG

Contribution ID: 2

Type: **not specified**

OSG PKI Plans Update

Monday, 19 March 2012 16:15 (30 minutes)

Session Classification: OSG

Contribution ID: 3

Type: **not specified**

Security Training

Monday, 19 March 2012 16:45 (1 hour)

Session Classification: OSG

Contribution ID: 4

Type: **not specified**

Campus Keynote

Tuesday, 20 March 2012 08:30 (30 minutes)

Presenter: Prof. LIVNY, Miron

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Campus and HTPC Lightning Talks

Contribution ID: 6

Type: **not specified**

Clouds

Contribution ID: 7

Type: **not specified**

HTPC

Contribution ID: 8

Type: **not specified**

Campus Grids

Contribution ID: 9

Type: **not specified**

User Engagement

Contribution ID: **10**

Type: **not specified**

Campus Caucus

Tuesday, 20 March 2012 16:55 (1h 20m)

Session Classification: OSG

Contribution ID: **11**

Type: **not specified**

State of the OSG

Wednesday, 21 March 2012 08:30 (30 minutes)

Primary author: Dr BAUERDICK, Lothar (Fermilab)

Presenter: Dr BAUERDICK, Lothar (Fermilab)

Session Classification: OSG

Contribution ID: 12

Type: **not specified**

Science on the OSG

Wednesday, 21 March 2012 09:00 (30 minutes)

Primary author: Prof. WUERTHWEIN, Frank (UCSD)

Presenter: Prof. WUERTHWEIN, Frank (UCSD)

Session Classification: OSG

Contribution ID: 13

Type: **not specified**

Council and Partners Report

Wednesday, 21 March 2012 09:30 (30 minutes)

Primary authors: Prof. AVERY, Paul (University of Florida); SNIDER, Rick (Fermilab)

Presenters: Prof. AVERY, Paul (University of Florida); SNIDER, Rick (Fermilab)

Session Classification: OSG

Contribution ID: 14

Type: **not specified**

Production on the OSG

Wednesday, 21 March 2012 10:00 (30 minutes)

Presenter: FRASER, Dan (OSG)

Session Classification: OSG

Contribution ID: 15

Type: **not specified**

Keynote: Humanities

Wednesday, 21 March 2012 10:45 (30 minutes)

Primary author: Prof. PYTLIK-ZILLIG, Brian (University of Nebraska-Lincoln)

Presenter: Prof. PYTLIK-ZILLIG, Brian (University of Nebraska-Lincoln)

Session Classification: Plenary

Contribution ID: 16

Type: **not specified**

Keynote: Biology

Wednesday, 21 March 2012 11:15 (30 minutes)

Presenter: DURHAM, Tessa (Doane College)

Session Classification: Plenary

Contribution ID: 17

Type: **not specified**

Software Status and Plans

Wednesday, 21 March 2012 13:30 (30 minutes)

Presenter: Mr ROY, Alain (University of Wisconsin-Madison)

Session Classification: OSG

Contribution ID: **18**

Type: **not specified**

OSG and NSF XD and XSEDE

Wednesday, 21 March 2012 14:00 (30 minutes)

Presenter: LIVNY, Miron (University of Wisconsin, Madison)

Session Classification: OSG

Contribution ID: 19

Type: **not specified**

Discussion and Group Activity

Wednesday, 21 March 2012 15:00 (30 minutes)

Presenter: Dr BOCKELMAN, Brian (University of Nebraska-Lincoln)

Session Classification: OSG

Contribution ID: 20

Type: **not specified**

Panel: OSG Blueprint and Technologies

Wednesday, 21 March 2012 16:00 (1 hour)

Presenters: Mr BOCKELMAN, Brian (University of Nebraska-Lincoln); Mr HOVER, John (Brookhaven National Laboratory); WELCH, Von (Indiana University)

Session Classification: OSG

Contribution ID: 21

Type: **not specified**

Colombia Grid and OSG Partnership

Wednesday, 21 March 2012 17:00 (30 minutes)

Presenter: Dr SANABRIA, John (Universidad del Valle)

Session Classification: OSG

Contribution ID: 22

Type: **not specified**

Closing Remarks and Discussion

Wednesday, 21 March 2012 17:30 (30 minutes)

Presenter: Dr SWANSON, David (University of Nebraska-Lincoln)

Session Classification: OSG

Contribution ID: 23

Type: **not specified**

Closing Presentation

Contribution ID: 24

Type: **not specified**

Implementing \$GLOBAL_APP with CVMFS

Monday, 19 March 2012 15:45 (20 minutes)

Primary author: Mr MAIER, Will (University of Wisconsin)

Presenter: Mr MAIER, Will (University of Wisconsin)

Session Classification: Site Technologies

Contribution ID: 25

Type: **not specified**

Maintaining control of your site with Condor and Cgroups

Monday, 19 March 2012 16:05 (20 minutes)

Presenter: Mr BOCKELMAN, Brian (University of Nebraska-Lincoln)

Session Classification: Site Technologies

Contribution ID: 26

Type: **not specified**

Network load-balancing GridFTP servers on the cheap

Monday, 19 March 2012 16:45 (20 minutes)

Primary author: Mr ATTEBURY, Garhan (UNL)

Presenter: Mr ATTEBURY, Garhan (UNL)

Session Classification: Site Technologies

Contribution ID: 27

Type: **not specified**

Any Data, Any Time, Anywhere: Project Update

Monday, 19 March 2012 13:30 (20 minutes)

Presenter: TADEL, Matevz

Session Classification: Federated Data and Xrootd

Contribution ID: 28

Type: **not specified**

VM Technology for Service and Site Resiliency

Monday, 19 March 2012 16:25 (20 minutes)

Primary author: Dr MCKEE, Shawn (Univ. of Michigan)

Presenter: Dr MCKEE, Shawn (Univ. of Michigan)

Session Classification: Site Technologies

Contribution ID: 29

Type: **not specified**

TEG Update - Workflow Management

Tuesday, 20 March 2012 15:00 (20 minutes)

Presenter: DE, Kaushik

Session Classification: WLCG

Contribution ID: **30**

Type: **not specified**

TEG Update - Storage

Tuesday, 20 March 2012 15:20 (20 minutes)

Presenter: LIVNY, Miron

Session Classification: WLCG

Contribution ID: **31**

Type: **not specified**

TEG Update - Operations

Tuesday, 20 March 2012 15:40 (20 minutes)

Presenter: QUICK, Rob (Indiana University)

Session Classification: WLCG

Contribution ID: 32

Type: **not specified**

Updates on LHC Networking: Monitoring, Debugging, and LHCONE

Tuesday, 20 March 2012 16:00 (30 minutes)

Presenter: Mr ZURAWSKI, Jason (Internet2)

Session Classification: WLCG

Contribution ID: 33

Type: **not specified**

OSG 3.0: Now with RPMs!

Tuesday, 20 March 2012 16:45 (20 minutes)

Presenter: Mr ROY, Alain (University of Wisconsin-Madison)

Session Classification: CMS T3

Contribution ID: **34**

Type: **not specified**

CRAB3

Tuesday, 20 March 2012 17:05 (20 minutes)

Presenter: Dr VAANDERING, Eric (Fermilab)

Session Classification: CMS T3

Contribution ID: 35

Type: **not specified**

Hands on with the global CMS Xrootd redirector

Tuesday, 20 March 2012 17:25 (20 minutes)

Presenter: Dr BOCKELMAN, Brian (University of Nebraska-Lincoln)

Session Classification: CMS T3

Contribution ID: 36

Type: **not specified**

GlideinWMS: Factories in the Cloud

Tuesday, 20 March 2012 10:45 (25 minutes)

Presenter: Mr TIRADANI, Anthony (Fermilab)

Session Classification: OSG

Contribution ID: 37

Type: **not specified**

Cloud Activities in ATLAS - Update

Tuesday, 20 March 2012 11:15 (15 minutes)

Presenter: Mr HOVER, John (Brookhaven National Laboratory)

Session Classification: OSG

Contribution ID: **38**

Type: **not specified**

FermiCloud Update

Tuesday, 20 March 2012 11:35 (15 minutes)

Presenter: Dr TIMM, Steven (Fermilab)

Session Classification: OSG

Contribution ID: 39

Type: **not specified**

Lustre Distributed Filesystem over WAN

Tuesday, 20 March 2012 17:45 (20 minutes)

Presenter: FU, Yu (University of Florida)

Session Classification: CMS T3

Contribution ID: 40

Type: **not specified**

New Tools for Data Management: The Rise of Hadoop, NoSQL and NewSQL

Monday, 19 March 2012 15:00 (45 minutes)

For three decades, business users and scientists have chosen between two platforms for data storage and analysis: Simple file systems for complex or application-specific data, and relational databases for relatively simple, structured data that needed good query or transactional properties. Over the last five years, a variety of powerful but diverse new technologies has emerged: Columnar stores to speed up structured data access, so-called NoSQL or NewSQL engines for high performance storage and retrieval of single records, and Hadoop, for scale-out storage and massively parallel analysis of both structured and complex data.

In this talk, I will digest the technical, business and industry pressure that led to this sudden explosion in variability among platforms, and will explore some of the Darwinian pressures that apply to the market now. I'll make some predictions about the composition of the data center – including the infrastructure that will underlie big science – of the future, and will describe how these different kinds of products operate and interact.

Presenter: Mr OLSON, Mike (Cloudera)

Session Classification: Plenary

Contribution ID: 41

Type: **not specified**

Data TEG Update

Monday, 19 March 2012 14:30 (15 minutes)

Presenter: Mr BOCKELMAN, Brian (University of Nebraska-Lincoln)

Session Classification: Federated Data and Xrootd

Contribution ID: 42

Type: **not specified**

OSG Summer School Student Reports

Tuesday, 20 March 2012 13:30 (1 hour)

Session Classification: Student Reports

Contribution ID: 43

Type: **not specified**

Supporting Campus Researchers

Tuesday, 20 March 2012 09:00 (15 minutes)

Primary author: Dr SWANSON, David (University of Nebraska-Lincoln)

Presenter: Dr SWANSON, David (University of Nebraska-Lincoln)

Session Classification: OSG

Contribution ID: 44

Type: **not specified**

Campus HTC Architecture

Tuesday, 20 March 2012 09:15 (15 minutes)

Presenter: FRASER, Dan (OSG)

Session Classification: OSG

Contribution ID: 45

Type: **not specified**

Whole Machine Jobs in CMS

Tuesday, 20 March 2012 09:30 (15 minutes)

Presenter: Dr OLIVER, Gutsche (Fermi National Accelerator Lab. (Fermilab))

Session Classification: OSG

Contribution ID: 46

Type: **not specified**

Emerging Campus Infrastructure at Virginia Tech

Tuesday, 20 March 2012 09:45 (15 minutes)

Presenter: Mr MARMAGAS, Bill

Session Classification: OSG

Contribution ID: 47

Type: **not specified**

Emerging Campus Infrastructure – Sunshine Grid

Tuesday, 20 March 2012 10:00 (10 minutes)

Presenter: FU, Yu (University of Florida)

Session Classification: OSG

Contribution ID: 48

Type: **not specified**

Nebraska Campus Infrastructure

Tuesday, 20 March 2012 10:10 (10 minutes)

Presenter: Mr WEITZEL, Derek (University of Nebraska - Lincoln)

Session Classification: OSG

Contribution ID: 49

Type: **not specified**

Campus Grid Wrap-Up

Tuesday, 20 March 2012 10:20 (10 minutes)

Presenter: FRASER, Dan (OSG)

Session Classification: OSG

Contribution ID: 50

Type: **not specified**

XSEDE and OSG in the XD era

Wednesday, 21 March 2012 14:30 (30 minutes)

Presenter: TOWNS, John (NCSA)

Session Classification: OSG

Contribution ID: 51

Type: **not specified**

Data Storage and Analysis for the CMS Tier1: Principles and Practice

Monday, 19 March 2012 17:05 (20 minutes)

Presenter: Dr DUMITRESCU, Catalin (Fermi National Accelerator Laboratory)

Session Classification: Site Technologies

Contribution ID: 52

Type: **not specified**

Introduction

Monday, 19 March 2012 09:00 (20 minutes)

Presenter: BLOOM, Ken (University of Nebraska-Lincoln)

Session Classification: CMS Tier-2

Contribution ID: 53

Type: **not specified**

Cost-benefit analysis

Monday, 19 March 2012 09:50 (20 minutes)

Presenter: Dr BAUERDICK, Lothar (Fermilab)

Session Classification: CMS Tier-2

Contribution ID: 54

Type: **not specified**

Computing operations review and plans

Monday, 19 March 2012 09:20 (30 minutes)

Presenter: GUTSCHE, Oliver (FNAL)

Session Classification: CMS Tier-2

Contribution ID: 55

Type: **not specified**

SL6 transition: site perspective

Monday, 19 March 2012 10:30 (20 minutes)

Presenters: LUNDSTEDT, Carl (University of Nebraska-Lincoln); ATTEBURY, Garhan (University of Nebraska-Lincoln)

Session Classification: CMS Tier-2

Contribution ID: 56

Type: **not specified**

SL6 transition and more in OSG

Monday, 19 March 2012 10:50 (20 minutes)

Presenter: Mr ROY, Alain (University of Wisconsin-Madison)

Session Classification: CMS Tier-2

Contribution ID: 57

Type: **not specified**

glide-ins for CMS

Monday, 19 March 2012 11:10 (20 minutes)

Presenter: DOST, Jeff (UCSD)

Session Classification: CMS Tier-2

Contribution ID: 58

Type: **not specified**

WMAgent (and the SL6 transition)

Monday, 19 March 2012 11:30 (20 minutes)

Presenter: MELO, Andrew

Session Classification: CMS Tier-2

Contribution ID: 59

Type: **not specified**

Enzyme design with Rosetta on OSG

Wednesday, 21 March 2012 11:45 (30 minutes)

Presenter: RICHTER, Florian (University of Washington Baker Lab)

Session Classification: Plenary

Contribution ID: **60**

Type: **not specified**

Dark Energy Survey processing and analysis

Presenter: Dr PETRAVICK, Don

Contribution ID: **61**

Type: **not specified**

Public Storage using iRODS: Status and Questions

Contribution ID: 62

Type: **not specified**

Dark Energy Survey processing and analysis

Thursday, 22 March 2012 10:00 (30 minutes)

Presenter: PETRAVICK, Don (Fermilab)

Session Classification: Plenary

Contribution ID: 63

Type: **not specified**

Public Storage using iRODS: Status and Questions

Thursday, 22 March 2012 09:30 (30 minutes)

Presenter: Mrs LEVSHINA, Tanya (Fermilab)

Session Classification: Federated Data and Xrootd

Contribution ID: 64

Type: **not specified**

Update from the Xrootd Collaboration

Monday, 19 March 2012 13:50 (20 minutes)

Presenter: Mr HANUSHEVSKY, Andrew (SLAC National Accelerator Laboratory)

Session Classification: Federated Data and Xrootd

Contribution ID: 65

Type: **not specified**

FAX: Federated ATLAS Xrootd project

Monday, 19 March 2012 14:10 (20 minutes)

Presenter: GARDNER, Robert (University of Chicago)

Session Classification: Federated Data and Xrootd

Contribution ID: 66

Type: **not specified**

Using Puppet, Git & GLPI for Centralized Fabric Management at the USAtlas Tier1

Monday, 19 March 2012 17:25 (20 minutes)

Presenter: SMITH, Jason (Brookhaven National Lab)

Session Classification: Site Technologies

Contribution ID: 67

Type: **not specified**

Hold Hands

Presenter: EVERYBODY

Contribution ID: **68**

Type: **not specified**

TEG Update – Databases

Tuesday, 20 March 2012 14:50 (10 minutes)

Presenter: Dr DYKSTRA, Dave (Fermilab)

Session Classification: WLCG

Contribution ID: **69**

Type: **not specified**

ATLAS Facilities

Monday, 19 March 2012 09:00 (1h 15m)

Presenter: GARDNER, Robert (University of Chicago)

Session Classification: ATLAS Facilities

Contribution ID: 70

Type: **not specified**

ATLAS Facilities

Monday, 19 March 2012 10:30 (1h 30m)

Presenter: GARDNER, Robert (University of Chicago)

Session Classification: ATLAS Facilities

Contribution ID: 71

Type: **not specified**

ATLAS Facilities

Tuesday, 20 March 2012 13:30 (1h 20m)

Presenter: GARDNER, Robert (University of Chicago)

Session Classification: ATLAS Facilities

Contribution ID: 72

Type: **not specified**

Engaging Campus HTC Users

Tuesday, 20 March 2012 16:45 (10 minutes)

Presenter: THAIN, Greg (University of Wisconsin)

Session Classification: OSG

Contribution ID: 73

Type: **not specified**

OSG Accounting for Campus Users

Thursday, 22 March 2012 08:45 (15 minutes)

Presenter: Dr GURU, ashu (University of Nebraska-Lincoln)

Session Classification: OSG

Contribution ID: 74

Type: **not specified**

Increasing the Number of Opportunistic Resources for VOs

Thursday, 22 March 2012 09:00 (15 minutes)

Presenter: RYNGE, Mats (USC / Information Sciences Institute)

Session Classification: OSG

Contribution ID: 75

Type: **not specified**

Using Opportunistic Resources

Thursday, 22 March 2012 09:15 (15 minutes)

Presenter: Dr SLYZ, Marko (FNAL)

Session Classification: OSG

Contribution ID: 76

Type: **not specified**

Ask the OSG Experts

Thursday, 22 March 2012 10:50 (1h 10m)

Presenter: MAMBELLI, Marco (University of Chicago)

Session Classification: OSG