OSG All-Hands Meeting

Report of Contributions

https://indico.fnal.gov/e/15344

Contribution ID: **0** Type: **not specified**

Welcome

Tuesday, 20 March 2018 09:00 (15 minutes)

Presenter: Prof. WUERTHWEIN, Frank (UCSD)

Session Classification: General

Contribution ID: **1** Type: **not specified**

Towards a National Research Platform

Tuesday, 20 March 2018 09:15 (30 minutes)

Presenter: Prof. SMARR, Larry (University of California San Diego)

Session Classification: General

Contribution ID: **2** Type: **not specified**

Expanding the Reach and Scope of Hosted CEs

Tuesday, 20 March 2018 09:45 (20 minutes)

Presenter: Mr THAPA, Suchandra (Computation Institute / University of Chicago)

Session Classification: General

Contribution ID: **3** Type: **not specified**

CaRCC - Update on the Progress of the Campus Research Computing Consortium

Tuesday, 20 March 2018 10:05 (25 minutes)

Presenter: CHEATHAM, Thomas (University of Utah)

Session Classification: General

Contribution ID: **4** Type: **not specified**

Mining Huge Collections of Genomics Datasets for Genes Controlling Complex Traits from Humans to Legumes

Wednesday, 21 March 2018 11:00 (30 minutes)

Presenter: Prof. FELTUS, Alex

Session Classification: Science on OSG

Contribution ID: **5** Type: **not specified**

Cheaper by the Million: Expanding Untargeted Metabolomics into the Theoretical Realm

Wednesday, 21 March 2018 11:30 (30 minutes)

Presenter: MILLS, Anthony (University of Utah)

Session Classification: Science on OSG

Contribution ID: **6** Type: **not specified**

Multi-Year Analytics of NOAA's High Resolution Rapid Refresh Model

Wednesday, 21 March 2018 12:00 (30 minutes)

Presenter: BLAYLOCK, Brian (University of Utah)

Session Classification: Science on OSG

Contribution ID: **7** Type: **not specified**

Inference of Evolutionary History with Approximate Bayesian Computation

Tuesday, 20 March 2018 16:00 (30 minutes)

Presenter: GLADSTEIN, Ariella (Univeristy of Arizona)

Session Classification: Science on OSG

Contribution ID: **8** Type: **not specified**

Simulation of Cross-phenotypic Effects of Rare Variants across Time

Tuesday, 20 March 2018 16:30 (30 minutes)

Presenter: RUDRA, Pratyaydipta (Colorado School of Public Health)

Session Classification: Science on OSG

Contribution ID: **9** Type: **not specified**

Cancelled (HTC on the OSG: Computational Discovery of Putative Bioactive Dietary Peptides)

Tuesday, 20 March 2018 17:00 (30 minutes)

Presenter: RIETHOVEN, Jean-Jack (University of Nebraska–Lincoln)

Session Classification: Science on OSG

Contribution ID: **10** Type: **not specified**

The State of DHTC

Wednesday, 21 March 2018 09:10 (20 minutes)

Presenter: Prof. LIVNY, Miron (University of Wisconsin–Madison)

Session Classification: State of OSG

Contribution ID: **11** Type: **not specified**

State of the OSG - Council Chair's Perspective

Wednesday, 21 March 2018 09:30 (20 minutes)

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

Session Classification: State of OSG

Contribution ID: **12** Type: **not specified**

The Shape of Science on the OSG

Wednesday, 21 March 2018 09:50 (25 minutes)

Presenter: GARDNER, Robert (University of Chicago)

Session Classification: State of OSG

Contribution ID: **13** Type: **not specified**

Welcome

Wednesday, 21 March 2018 09:00 (10 minutes)

Presenter: CHEATHAM, Thomas (University of Utah)

Session Classification: Welcome

Contribution ID: **14** Type: **not specified**

OSG Year in Review

Wednesday, 21 March 2018 13:30 (25 minutes)

Presenter: Mr GROSS, Kyle (Indiana University / Open Science Grid Operations)

Session Classification: State of OSG

Contribution ID: **15** Type: **not specified**

OSG Security

Wednesday, 21 March 2018 13:55 (15 minutes)

Presenter: SHAH, Zalak (Indiana University)

Session Classification: State of OSG

Contribution ID: **16** Type: **not specified**

OSG Networking

Wednesday, 21 March 2018 14:10 (20 minutes)

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

Session Classification: State of OSG

Contribution ID: **17** Type: **not specified**

Shared Computing Challenges in Multidisciplinary Science at the Flatiron Institute

Wednesday, 21 March 2018 14:30 (30 minutes)

Presenter: Dr FISK, Ian (Fermilab)

Session Classification: State of OSG

Contribution ID: **18** Type: **not specified**

Looking Ahead in OSG Technology

Wednesday, 21 March 2018 15:30 (25 minutes)

Presenter: BOCKELMAN, Brian

Session Classification: Looking Ahead

Contribution ID: **19** Type: **not specified**

Quasi Real-time Data Analytics for Free Electron Lasers

Wednesday, 21 March 2018 15:55 (25 minutes)

Presenter: Dr PERAZZO, Amedeo (Stanford University)

Session Classification: Looking Ahead

Contribution ID: **20** Type: **not specified**

SLATE and the Mobility of Capability

Wednesday, 21 March 2018 16:20 (25 minutes)

Presenter: GARDNER, Robert (University of Chicago)

Session Classification: Looking Ahead

Contribution ID: **21** Type: **not specified**

Where Do We Go From Here?

Wednesday, 21 March 2018 16:45 (25 minutes)

Presenter: Prof. WUERTHWEIN, Frank (UCSD)

Session Classification: Looking Ahead

Contribution ID: **22** Type: **not specified**

Rudin-Shapiro-Like Sequences with Low Correlation

Tuesday, 20 March 2018 15:00 (30 minutes)

Primary author: Prof. KATZ, Daniel (California State University, Northridge)

Presenter: Prof. KATZ, Daniel (California State University, Northridge)

Session Classification: Science on OSG

Contribution ID: **23** Type: **not specified**

Using High-Throughput Computing for Dynamic Simulation of Bipedal Walking

Tuesday, 20 March 2018 13:30 (30 minutes)

Presenter: SAADATZI, Mohammadhossein (Colorado School of Mines)

Session Classification: Science on OSG

Contribution ID: **24** Type: **not specified**

Two Models of Strange Metals

Tuesday, 20 March 2018 14:00 (30 minutes)

Presenter: BEN-ZION, Daniel (University of California San Diego)

Session Classification: Science on OSG

Contribution ID: **25** Type: **not specified**

Machine Learning with Clinical Data

Tuesday, 20 March 2018 14:30 (30 minutes)

Presenter: VANGURI, Rami (Columbia University)

Session Classification: Science on OSG

Contribution ID: **26** Type: **not specified**

RMACC - Collaborating Regionally to Facilitate Widespread Effective Use of Advanced Cyberinfrastructure

Tuesday, 20 March 2018 11:00 (25 minutes)

Presenter: Dr HAUSER, Thomas (University of Colorado Boulder)

Session Classification: General

Contribution ID: **27** Type: **not specified**

GridUNESP Project and the UNESP Center for Scientific Computing

Tuesday, 20 March 2018 11:25 (25 minutes)

Presenter: Dr IOPE, Rogerio (GridUnesp)

Session Classification: General

Contribution ID: **28** Type: **not specified**

The Dawn of Multi-Messenger Astronomy with Gravitational Waves

Tuesday, 20 March 2018 11:50 (25 minutes)

Presenter: Dr SOARES-SANTOS, Marcelle (Fermilab)

Session Classification: General

Contribution ID: **29** Type: **not specified**

OSG Networking Analytics: Evolution and Status

Tuesday, 20 March 2018 13:30 (25 minutes)

Presenters: Dr VUKOTIC, Ilija (LAL); Dr MCKEE, Shawn (Univ. of Michigan)

Session Classification: Technology

Contribution ID: **30** Type: **not specified**

Netbeam: Flexible Network Analytics in the Cloud

Tuesday, 20 March 2018 13:55 (25 minutes)

Presenter: Mr DUGAN, Jon (Energy Sciences Network (ESnet))

Session Classification: Technology

Contribution ID: **31** Type: **not specified**

Named Data Networking for Data Distribution in High Energy Physics

Tuesday, 20 March 2018 14:20 (25 minutes)

Presenter: Prof. YEH, Edmund (Northeastern University)

Session Classification: Technology

Contribution ID: **32** Type: **not specified**

StashCache: Past, Present, Future

Tuesday, 20 March 2018 14:45 (25 minutes)

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

Session Classification: Technology

Contribution ID: **33** Type: **not specified**

Distributed Data Management in OSG

Tuesday, 20 March 2018 15:10 (20 minutes)

Presenter: Dr RIEDEL, Benedikt (University of Chicago)

Session Classification: Technology

Contribution ID: **34** Type: **not specified**

Machine Learning on the Grid

Tuesday, 20 March 2018 16:00 (25 minutes)

Presenter: Mr HURTADO ANAMPA, Kenyi Paolo (University of Notre Dame)

Session Classification: Technology

Contribution ID: **35** Type: **not specified**

National Cyberinfrastructure for Scientific Data Analysis at Scale (SciDAS)

Tuesday, 20 March 2018 16:25 (25 minutes)

Presenter: Prof. FELTUS, Alex (Clemson University)

Session Classification: Technology

Contribution ID: **36** Type: **not specified**

VC3: Virtual Clusters for Community Computation

Tuesday, 20 March 2018 16:50 (25 minutes)

Presenters: Mr HOVER, John (Brookhaven National Laboratory); GARDNER, Robert (University of Chicago)

Session Classification: Technology

Contribution ID: **37** Type: **not specified**

Progress toward a Post-Globus Toolkit Infrastructure

Tuesday, 20 March 2018 17:15 (15 minutes)

Presenter: BOCKELMAN, Brian

Session Classification: Technology

Contribution ID: **38** Type: **not specified**

Introduction

Monday, 19 March 2018 09:00 (5 minutes)

Presenter: Dr HERNER, Kenneth (Fermilab)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **39** Type: **not specified**

DES

Monday, 19 March 2018 09:05 (25 minutes)

Presenter: Dr HERNER, Kenneth (Fermilab)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **40** Type: **not specified**

SPT

Monday, 19 March 2018 09:30 (30 minutes)

Presenter: Dr RIEDEL, Benedikt (University of Chicago)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **41** Type: **not specified**

VERITAS

Monday, 19 March 2018 10:00 (30 minutes)

Presenter: ABEYSEKARA, Udara (University of Utah)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **42** Type: **not specified**

GlueX

Monday, 19 March 2018 11:00 (30 minutes)

Presenter: Dr ITO, Mark (Jefferson Lab)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **43** Type: **not specified**

IceCube

Monday, 19 March 2018 11:30 (30 minutes)

Presenters: SCHULTZ, David (University of Wisconsin-Madison); Dr MERINO, Gonzalo (UW)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **44** Type: **not specified**

FIFE/DUNE

Monday, 19 March 2018 13:45 (45 minutes)

Presenter: Dr HERNER, Kenneth (Fermilab)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **45** Type: **not specified**

VERITAS

Contribution ID: **46** Type: **not specified**

XENON 1T

Monday, 19 March 2018 14:30 (30 minutes)

Presenter: Dr RIEDEL, Benedikt (University of Chicago)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **47** Type: **not specified**

Rucio

Monday, 19 March 2018 12:00 (20 minutes)

Presenter: Dr RIEDEL, Benedikt (University of Chicago)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **48** Type: **not specified**

Data Lakes

Monday, 19 March 2018 16:30 (30 minutes)

Presenters: BOCKELMAN, Brian; GARDNER, Robert (University of Chicago)

Session Classification: Joint session: FIFE, US-ATLAS, and US-CMS

Contribution ID: **49** Type: **not specified**

Lessons learned at HPC's

Monday, 19 March 2018 17:00 (30 minutes)

Presenters: HUFNAGEL, Dirk (Fermilab); BENJAMIN, Doug; BENJAMIN, Doug (Duke University); BENJAMIN, Doug (ANL)

Session Classification: Joint session: FIFE, US-ATLAS, and US-CMS

Contribution ID: **50** Type: **not specified**

PerfSonar Discussion

Monday, 19 March 2018 17:30 (30 minutes)

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

Session Classification: Joint session: FIFE, US-ATLAS, and US-CMS

Contribution ID: **52** Type: **not specified**

General Discussion

Monday, 19 March 2018 15:00 (1 hour)

Presenter: Dr HERNER, Kenneth (Fermilab)

Session Classification: FIFE - Remote via Zoom: https://goo.gl/vzww96

Contribution ID: **53** Type: **not specified**

Chair Election

Thursday, 22 March 2018 09:00 (20 minutes)

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

Session Classification: OSG Council Meeting

Contribution ID: **54** Type: **not specified**

WIPAC addition to Council election

Thursday, 22 March 2018 09:20 (30 minutes)

Presenter: Dr MERINO, Gonzalo (UW)

Session Classification: OSG Council Meeting

Contribution ID: **55** Type: **not specified**

OSG: Next Stage

Thursday, 22 March 2018 09:50 (40 minutes)

Presenter: Prof. WUERTHWEIN, Frank (UCSD)

Session Classification: OSG Council Meeting

Contribution ID: **56** Type: **not specified**

OSG: Next Stage

Thursday, 22 March 2018 11:00 (1h 30m)

Presenter: Prof. WUERTHWEIN, Frank (UCSD)

Session Classification: OSG Council Meeting