

2019 Joint HSF/OSG/WLCG Workshop HOW2019

Report of Contributions

Contribution ID: 1

Type: **not specified**

ALICE

Monday, March 18, 2019 10:00 AM (20 minutes)

Presenter: LITMAATH, Maarten (CERN)

Session Classification: Input from communities/experiments

Contribution ID: 2

Type: **not specified**

ATLAS

Monday, March 18, 2019 10:20 AM (20 minutes)

Presenter: COSTANZO, Davide (University of Sheffield (GB))

Session Classification: Input from communities/experiments

Contribution ID: 3

Type: **not specified**

CMS

Monday, March 18, 2019 11:10 AM (20 minutes)

Presenter: BOCCALI, Tommaso (Universita & INFN Pisa (IT))

Session Classification: Input from communities/experiments

Contribution ID: 4

Type: **not specified**

LHCb

Monday, March 18, 2019 11:30 AM (20 minutes)

Presenter: BOZZI, Concezio (CERN and INFN Ferrara)

Session Classification: Input from communities/experiments

Contribution ID: 5

Type: **not specified**

DUNE

Monday, March 18, 2019 11:50 AM (20 minutes)

Presenters: MCNAB, Andrew (University of Manchester); SCHELLMAN, Heidi Marie (Oregon State University (US))

Session Classification: Input from communities/experiments

Contribution ID: 6

Type: **not specified**

Belle II

Monday, March 18, 2019 12:10 PM (20 minutes)

Presenter: KATO, Yuji

Session Classification: Input from communities/experiments

Contribution ID: 7

Type: **not specified**

Dark Matter

Monday, March 18, 2019 2:00 PM (20 minutes)

Presenter: Dr TUNNELL, Chistopher (Rice University)

Session Classification: Input from communities/experiments

Contribution ID: 8

Type: **not specified**

LSST

Monday, March 18, 2019 2:40 PM (20 minutes)

Presenter: Dr ALSAYYAD, Yusra (Princeton University)

Session Classification: Input from communities/experiments

Contribution ID: 9

Type: **not specified**

LIGO/VIRGO

Monday, March 18, 2019 3:00 PM (20 minutes)

Presenter: WUERHWEIN, Frank (Univ. of California San Diego (US))

Session Classification: Input from communities/experiments

Contribution ID: **10**

Type: **not specified**

Photon / Neutron Sources

Monday, March 18, 2019 3:20 PM (20 minutes)

Presenter: Dr GRANROTH, Garrett (Oak Ridge National Laboratory)

Session Classification: Input from communities/experiments

Contribution ID: **11**

Type: **not specified**

IceCube

Monday, March 18, 2019 3:40 PM (20 minutes)

Presenter: RIEDEL, Benedikt (University of Wisconsin-Madison)

Session Classification: Input from communities/experiments

Contribution ID: 12

Type: **not specified**

Electron-Ion Collider Software Consortium

Monday, March 18, 2019 2:20 PM (20 minutes)

Presenter: DIEFENTHALER, Markus (Jefferson Lab)

Session Classification: Input from communities/experiments

Contribution ID: 13

Type: **not specified**

DE Funding Initiative

Friday, March 22, 2019 9:00 AM (15 minutes)

Presenter: KUHR, Thomas

Session Classification: Forward look and close out

Contribution ID: 14

Type: **not specified**

UK IRIS Project

Friday, March 22, 2019 9:15 AM (15 minutes)

Presenter: CLARKE, Peter (The University of Edinburgh (GB))

Session Classification: Forward look and close out

Contribution ID: 15

Type: **not specified**

US IRIS-HEP Project

Friday, March 22, 2019 9:30 AM (15 minutes)

Presenter: ELMER, Peter (Princeton University (US))

Session Classification: Forward look and close out

Contribution ID: **16**

Type: **not specified**

Discussion

Friday, March 22, 2019 9:45 AM (15 minutes)

Session Classification: Forward look and close out

Contribution ID: 17

Type: **not specified**

The Future of Scientific Computing

Friday, March 22, 2019 10:00 AM (1 hour)

Presenter: BOEHNLEIN, Amber (Jefferson Lab)

Session Classification: Forward look and close out

Contribution ID: **18**

Type: **not specified**

Overview of Accelerator Technology

Tuesday, March 19, 2019 2:00 PM (25 minutes)

Presenter: Dr LEGGETT, Charles (Lawrence Berkeley National Lab (US))

Session Classification: HSF parallel

Contribution ID: 19

Type: **not specified**

Accelerator Integration in CMSSW

Tuesday, March 19, 2019 2:25 PM (25 minutes)

Presenter: JONES, Christopher (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 20

Type: **not specified**

CMS Patatrack Project

Tuesday, March 19, 2019 4:00 PM (25 minutes)

Presenter: KORTELAINEN, Matti (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 21

Type: **not specified**

LHCb HLT1 GPU Project

Tuesday, March 19, 2019 3:15 PM (25 minutes)

Presenter: AAIJ, Roel (Nikhef National institute for subatomic physics (NL))

Session Classification: HSF parallel

Contribution ID: 22

Type: **not specified**

Discussion

Thursday, March 21, 2019 10:20 AM (10 minutes)

Session Classification: HSF parallel

Contribution ID: 23

Type: **not specified**

ALICE GPU Algorithms

Tuesday, March 19, 2019 2:50 PM (25 minutes)

Presenter: ROHR, David (CERN)

Session Classification: HSF parallel

Contribution ID: 24

Type: **not specified**

MadGraph on GPU

Tuesday, March 19, 2019 4:25 PM (25 minutes)

Presenters: KANZAKI, Junichi (High Energy Accelerator Research Organization (JP)); KANZAKI, Junichi (High Energy Accelerator Research Organization (KEK))

Session Classification: HSF parallel

Contribution ID: 25

Type: **not specified**

Geant4 and effective use of Accelerators

Tuesday, March 19, 2019 4:50 PM (25 minutes)

Presenter: CANAL, Philippe (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 26

Type: **not specified**

Discussion

Tuesday, March 19, 2019 5:15 PM (15 minutes)

Session Classification: HSF parallel

Contribution ID: 27

Type: **not specified**

A comprehensive real-time analysis model at the LHCb experiment

Wednesday, March 20, 2019 2:00 PM (20 minutes)

Presenter: PEARCE, Alex (CERN)

Session Classification: HSF parallel

Contribution ID: 28

Type: **not specified**

Real-time analysis model in ATLAS

Wednesday, March 20, 2019 2:40 PM (20 minutes)

Presenter: KALDERON, William (Lund University (SE))

Session Classification: HSF parallel

Contribution ID: 29

Type: **not specified**

Real-time analysis model in CMS

Wednesday, March 20, 2019 3:00 PM (20 minutes)

Presenter: SPERKA, David (Boston University (US))

Session Classification: HSF parallel

Contribution ID: **30**

Type: **not specified**

Real-time analysis model in ALICE

Wednesday, March 20, 2019 2:20 PM (20 minutes)

Presenter: ROHR, David (CERN)

Session Classification: HSF parallel

Contribution ID: **31**

Type: **not specified**

Open discussion

Wednesday, March 20, 2019 3:20 PM (10 minutes)

Session Classification: HSF parallel

Contribution ID: 32

Type: **not specified**

Machine Learning for the Primary Vertex reconstruction

Wednesday, March 20, 2019 4:00 PM (20 minutes)

Presenter: SCHREINER, Henry Fredrick (University of Cincinnati (US))

Session Classification: HSF parallel

Contribution ID: 33

Type: **not specified**

Using FPGAs to accelerate machine learning inference

Wednesday, March 20, 2019 4:20 PM (20 minutes)

Presenter: PEDRO, Kevin (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 34

Type: **not specified**

Event reconstruction goals and challenges at JLab

Wednesday, March 20, 2019 4:40 PM (20 minutes)

Presenter: Dr ZIEGLER, Veronique (Jefferson Lab)

Session Classification: HSF parallel

Contribution ID: 35

Type: **not specified**

GPUs for IceCube (reconstruction/simulation/deployment)

Wednesday, March 20, 2019 5:00 PM (20 minutes)

Presenter: RIEDEL, Benedikt (University of Wisconsin-Madison)

Session Classification: HSF parallel

Contribution ID: **36**

Type: **not specified**

Open discussion

Wednesday, March 20, 2019 5:20 PM (10 minutes)

Session Classification: HSF parallel

Contribution ID: 37

Type: **not specified**

The zfit package

Thursday, March 21, 2019 2:50 PM (10 minutes)

Presenter: ESCHLE, Jonas (Universitaet Zuerich (CH))

Session Classification: HSF parallel

Contribution ID: **38**

Type: **not specified**

Conda: a complete reproducible ROOT environment in under 5 minutes

Thursday, March 21, 2019 2:40 PM (10 minutes)

Presenter: SCHREINER, Henry Fredrick (University of Cincinnati (US))

Session Classification: HSF parallel

Contribution ID: 39

Type: **not specified**

lichen and h5hep: mimicking ROOT functionality with python-only libraries

Thursday, March 21, 2019 3:00 PM (10 minutes)

Presenter: BELLIS, Matthew (Cornell University/Siena College (US))

Session Classification: HSF parallel

Contribution ID: 40

Type: **not specified**

Anaconda - numba, packaging

Thursday, March 21, 2019 2:20 PM (20 minutes)

Presenter: HELMUS, Jonathan (Anaconda)

Session Classification: HSF parallel

Contribution ID: 41

Type: **not specified**

Coffea

Thursday, March 21, 2019 2:00 PM (20 minutes)

Presenter: SMITH, Nick (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 42

Type: **not specified**

Open discussion

Thursday, March 21, 2019 3:10 PM (20 minutes)

Session Classification: HSF parallel

Contribution ID: 43

Type: **not specified**

Performance Monitors/Profilers

Thursday, March 21, 2019 4:00 PM (15 minutes)

Presenter: SNYDER, Scott (Brookhaven National Laboratory (US))

Session Classification: HSF parallel

Contribution ID: 44

Type: **not specified**

Static Analyzers

Thursday, March 21, 2019 4:15 PM (15 minutes)

Presenter: JONES, Christopher (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 45

Type: **not specified**

Packaging

Thursday, March 21, 2019 4:30 PM (15 minutes)

Presenter: STEWART, Graeme A (CERN)

Session Classification: HSF parallel

Contribution ID: 46

Type: **not specified**

Open Discussion

Thursday, March 21, 2019 4:45 PM (45 minutes)

Presenters: METE, Alaettin Serhan (University of California Irvine (US)); EULISSE, Giulio (CERN); RITTER, Martin (LMU / Cluster Universe)

Session Classification: HSF parallel

Contribution ID: 47

Type: **not specified**

Review on current workflows and production on HPC centres (20' + 10')

Tuesday, March 19, 2019 11:00 AM (30 minutes)

Presenter: HUFNAGEL, Dirk (Fermi National Accelerator Lab. (US))

Session Classification: Facilities and Technologies

Contribution ID: 48

Type: **not specified**

Status and Plans for experiment software frameworks on heterogenous resources (20' + 10')

Tuesday, March 19, 2019 11:30 AM (30 minutes)

Presenter: STEWART, Graeme (CERN)

Session Classification: Facilities and Technologies

Contribution ID: 49

Type: **not specified**

HPC for analysis workflows and analysis facilities (20' + 10')

Tuesday, March 19, 2019 12:00 PM (30 minutes)

Presenter: HEINRICH, Lukas Alexander (CERN)

Session Classification: Facilities and Technologies

Contribution ID: 50

Type: **not specified**

Building access layers to cloud and HPC resources (20' + 10')

Tuesday, March 19, 2019 2:00 PM (30 minutes)

Presenters: HOLZMAN, Burt (Unknown); MCCANCE, Gavin (CERN)

Session Classification: Facilities and Technologies

Contribution ID: 51

Type: **not specified**

DOE and NSF Present and upcoming HPC facilities (20' + 10')

Tuesday, March 19, 2019 2:30 PM (30 minutes)

Presenter: BENJAMIN, Doug (Argonne National Laboratory (US))

Session Classification: Facilities and Technologies

Contribution ID: 52

Type: **not specified**

EuroHPC Present and upcoming HPC facilities (20' + 10')

Tuesday, March 19, 2019 3:00 PM (30 minutes)

Presenter: FILIPCIC, Andrej (Jozef Stefan Institute (SI))

Session Classification: Facilities and Technologies

Contribution ID: 53

Type: **not specified**

TPC

Wednesday, March 20, 2019 2:00 PM (30 minutes)

Presenters: FORTI, Alessandra (University of Manchester (GB)); BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US))

Session Classification: WLCG parallel

Contribution ID: 54

Type: **not specified**

QoS

Wednesday, March 20, 2019 2:30 PM (30 minutes)

Presenters: KEEBLE, Oliver (CERN); MILLAR, Paul

Session Classification: WLCG parallel

Contribution ID: 55

Type: **not specified**

ACCESS

Wednesday, March 20, 2019 3:00 PM (30 minutes)

Presenters: WURTHWEIN, Frank (UCSD); VUKOTIC, Ilija (University of Chicago (US)); SCHULZ, Markus (CERN); JEZEQUEL, Stephane (LAPP-Annecy CNRS/USMB (FR)); ESPINAL, Xavier (CERN)

Session Classification: WLCG parallel

Contribution ID: 56

Type: **not specified**

Rucio in the DOMA ecosystem

Wednesday, March 20, 2019 4:15 PM (20 minutes)

Presenters: LASSNIG, Mario (CERN); BARISITS, Martin (CERN)

Session Classification: WLCG parallel

Contribution ID: 57

Type: **not specified**

Google Data Ocean

Wednesday, March 20, 2019 4:55 PM (20 minutes)

Presenter: BARREIRO MEGINO, Fernando Harald (University of Texas at Arlington)

Session Classification: WLCG parallel

Contribution ID: 58

Type: **not specified**

Data Provisioning for non Grid Resources (HPCs, Clouds)

Wednesday, March 20, 2019 4:00 PM (15 minutes)

Presenters: WURTHWEIN, Frank (UCSD); JEZEQUEL, Stephane (LAPP-Annecy CNRS/USMB (FR))

Session Classification: WLCG parallel

Contribution ID: 59

Type: **not specified**

Starter-Kit training program

Thursday, March 21, 2019 11:00 AM (15 minutes)

Presenter: PUIG NAVARRO, Albert (Universität Zürich (CH))

Session Classification: HSF parallel

Contribution ID: **60**

Type: **not specified**

HSF Training survey

Thursday, March 21, 2019 11:20 AM (15 minutes)

Presenter: LANGE, David (Princeton University (US))

Session Classification: HSF parallel

Contribution ID: **61**

Type: **not specified**

First-HEP training program

Thursday, March 21, 2019 11:40 AM (15 minutes)

Presenter: MALIK, Sudhir (University of Puerto Rico (PR))

Session Classification: HSF parallel

Contribution ID: **62**

Type: **not specified**

Software and Computing Training at Jefferson Lab

Thursday, March 21, 2019 12:00 PM (15 minutes)

Presenter: HANSEN, Ole (Jefferson Lab)

Session Classification: HSF parallel

Contribution ID: **63**

Type: **not specified**

Discussion items

Thursday, March 21, 2019 12:20 PM (10 minutes)

Session Classification: HSF parallel

Contribution ID: 64

Type: **not specified**

Data Management Interfaces in Dirac

Wednesday, March 20, 2019 4:35 PM (20 minutes)

Presenter: STAGNI, Federico (CERN)

Session Classification: WLCG parallel

Contribution ID: 65

Type: **not specified**

Discussion

Wednesday, March 20, 2019 5:15 PM (15 minutes)

Session Classification: WLCG parallel

Contribution ID: **66**

Type: **not specified**

WLCG IS Evolution

Thursday, March 21, 2019 2:00 PM (20 minutes)

Presenter: ANDREEVA, Julia (CERN)

Session Classification: WLCG parallel

Contribution ID: 67

Type: **not specified**

Operational intelligence

Thursday, March 21, 2019 2:20 PM (1h 10m)

- Introduction
- CMS experience
- ATLAS experience
- Rucio experience
- discussion

Presenters: DIGIROLAMO, Alessandro (CERN); Prof. BONACORSI, Daniele (University of Bologna); LEGER, Federica (Universita e INFN Torino (IT)); VUKOTIC, Ilija (University of Chicago (US)); LASSNIG, Mario (CERN); BARISITS, Martin (CERN)

Session Classification: WLCG parallel

Contribution ID: **68**

Type: **not specified**

Discussion on long term future of the storage services at T2s

Thursday, March 21, 2019 4:00 PM (15 minutes)

Presenter: CAMPANA, Simone (CERN)

Session Classification: WLCG parallel

Contribution ID: 69

Type: **not specified**

Easy deployment: centrally-managed deployment, vaccum-like approach, lightweight site project

Several alternative strategies for lightweight deployment and operations at sites will be presented and discussed. We would like to assess which circumstances are matched by which strategies, so that each site may make its own optimal choice for the coming years.

Presenters: FORTI, Alessandra (University of Manchester (GB)); MCNAB, Andrew (University of Manchester); SPIGA, Daniele (Universita e INFN, Perugia (IT)); LITMAATH, Maarten (CERN); GARDNER JR, Robert William (University of Chicago (US))

Session Classification: WLCG parallel

Contribution ID: 70

Type: **not specified**

WLCG AAI update

Tuesday, March 19, 2019 4:00 PM (20 minutes)

Presenters: LITMAATH, Maarten (CERN); WARTEL, Romain (CERN)

Session Classification: Facilities and Technologies

Contribution ID: 71

Type: **not specified**

Improving interoperability and security operations with Sirtfi

Tuesday, March 19, 2019 4:20 PM (20 minutes)

Session Classification: Facilities and Technologies

Contribution ID: 72

Type: **not specified**

Sharing practices for Security Operation Centres

Tuesday, March 19, 2019 4:40 PM (30 minutes)

Presenter: CROOKS, David (Science and Technology Facilities Council STFC (GB))

Session Classification: Facilities and Technologies

Contribution ID: 73

Type: **not specified**

Addressing the OSG - EGI security cooperation issues

Tuesday, March 19, 2019 5:10 PM (20 minutes)

Presenter: WARTEL, Romain (CERN)

Session Classification: Facilities and Technologies

Contribution ID: 74

Type: **not specified**

Intro to Session

Tuesday, March 19, 2019 9:00 AM (5 minutes)

Quick overview of this session

Presenters: MEINHARD, Helge (CERN); MC KEE, Shawn (University of Michigan (US))

Session Classification: Facilities and Technologies

Contribution ID: 75

Type: **not specified**

Technology Watch on Computing

Tuesday, March 19, 2019 9:05 AM (25 minutes)

Primary author: SCIABÀ, Andrea (CERN)

Presenter: SCIABÀ, Andrea (CERN)

Session Classification: Facilities and Technologies

Contribution ID: 76

Type: **not specified**

Technology Watch on Networking

Tuesday, March 19, 2019 9:55 AM (25 minutes)

Primary authors: MARTELLI, Edoardo (CERN); SEUSTER, Rolf (University of Victoria (CA))

Presenters: MARTELLI, Edoardo (CERN); SEUSTER, Rolf (University of Victoria (CA))

Session Classification: Facilities and Technologies

Contribution ID: 77

Type: **not specified**

Technology Watch on Storage

Tuesday, March 19, 2019 9:30 AM (25 minutes)

Primary author: MISAWA, Shigeki (BNL)

Presenter: MISAWA, Shigeki (BNL)

Session Classification: Facilities and Technologies

Contribution ID: 78

Type: **not specified**

Discussion of impacts on HEP, coming technologies and future work

Tuesday, March 19, 2019 10:20 AM (10 minutes)

Session Classification: Facilities and Technologies

Contribution ID: 79

Type: **not specified**

Physics requirements for simulation

Wednesday, March 20, 2019 9:00 AM (20 minutes)

Presenter: ELVIRA, Victor Daniel (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: **80**

Type: **not specified**

Neutrino experiments simulation overview

Wednesday, March 20, 2019 9:25 AM (20 minutes)

Presenter: KIRBY, Michael (Fermi National Accelerator Laboratory)

Session Classification: HSF parallel

Contribution ID: **81**

Type: **not specified**

Modernisation of simulation code

Wednesday, March 20, 2019 9:50 AM (20 minutes)

Presenter: POKORSKI, Witold (CERN)

Session Classification: HSF parallel

Contribution ID: **82**

Type: **not specified**

Fast simulation

Wednesday, March 20, 2019 10:15 AM (20 minutes)

Presenter: PASCUZZI, Vincent (University of Toronto (CA))

Session Classification: HSF parallel

Contribution ID: **83**

Type: **not specified**

Geometry tools

Thursday, March 21, 2019 9:00 AM (20 minutes)

Presenter: COUTURIER, Ben (CERN)

Session Classification: HSF parallel

Contribution ID: **84**

Type: **not specified**

Vectorisation of simulation code

Thursday, March 21, 2019 9:25 AM (20 minutes)

Presenter: GHEATA, Andrei (CERN)

Session Classification: HSF parallel

Contribution ID: **85**

Type: **not specified**

Pile up handling

Thursday, March 21, 2019 9:50 AM (10 minutes)

Presenter: NOVAK, Tadej (Jozef Stefan Institute (SI))

Session Classification: HSF parallel

Contribution ID: **86**

Type: **not specified**

New simulation code integration

Thursday, March 21, 2019 10:05 AM (10 minutes)

Presenter: PEDRO, Kevin (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: 87

Type: **not specified**

Analysis needs and how they are served today

Wednesday, March 20, 2019 11:00 AM (20 minutes)

Presenter: LAYCOCK, Paul James (Brookhaven National Laboratory (US))

Session Classification: HSF parallel

Contribution ID: **88**

Type: **not specified**

What is missing today

Wednesday, March 20, 2019 11:40 AM (20 minutes)

Presenter: RIZZI, Andrea (INFN Sezione di Pisa, Universita' e Scuola Normale Superiore, P)

Session Classification: HSF parallel

Contribution ID: **89**

Type: **not specified**

Evolution of HEP computing implications for analysis

Wednesday, March 20, 2019 11:20 AM (20 minutes)

Presenter: ELMSHEUSER, Johannes (Brookhaven National Laboratory (US))

Session Classification: HSF parallel

Contribution ID: **90**

Type: **not specified**

Discussion

Wednesday, March 20, 2019 12:00 PM (30 minutes)

Presenter: Dr ALL

Session Classification: HSF parallel

Contribution ID: **91**

Type: **not specified**

Status and highlights of the working group

Wednesday, March 20, 2019 9:00 AM (15 minutes)

An overview of the activities, targeted at members and at the general public. If you are not a member of the working group this is a good opportunity to get an overview and there is no need to stay for the rest of the session.

Primary authors: Dr SCIABÀ, Andrea (CERN); FLIX MOLINA, Jose (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas); SCHULZ, Markus (CERN)

Presenter: FLIX MOLINA, Jose (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: WLCG parallel

Contribution ID: 92

Type: **not specified**

Resource estimation: concepts and frameworks

Wednesday, March 20, 2019 9:15 AM (25 minutes)

We discuss the state of the art of the resource estimation up to HL-LHC for each experiment and explore commonalities.

Primary authors: BOZZI, Concezio (CERN and INFN Ferrara); LANGE, David (Princeton University (US)); COSTANZO, Davide (University of Sheffield (GB))

Presenter: LANGE, David (Princeton University (US))

Session Classification: WLCG parallel

Contribution ID: 93

Type: **not specified**

Site cost estimates and TCO

Wednesday, March 20, 2019 9:40 AM (30 minutes)

We discuss recent developments and different approaches in the cost estimation for WLCG sites, from hardware to human effort.

Primary authors: SCHULZ, Markus (CERN); VERNET, Renaud (Centre National de la Recherche Scientifique (FR))

Presenter: VERNET, Renaud (Centre National de la Recherche Scientifique (FR))

Session Classification: WLCG parallel

Contribution ID: 94

Type: **not specified**

Status of reference workloads, packaging and benchmarking

Wednesday, March 20, 2019 10:10 AM (20 minutes)

We illustrate the latest versions of the reference workloads and performance measurements.

Primary authors: Dr SCIABÀ, Andrea (CERN); GIORDANO, Domenico (CERN)

Presenter: Dr SCIABÀ, Andrea (CERN)

Session Classification: WLCG parallel

Contribution ID: 95

Type: **not specified**

PrMon, Trident, passive and active performance evaluation

Wednesday, March 20, 2019 11:00 AM (20 minutes)

We discuss performance metrics and what has to be done to derive the agreed metrics from the data collected by the multitude of tools we have.

Primary author: METE, Alaettin Serhan (University of California Irvine (US))

Co-author: MURALIDHARAN, Servesh (CERN)

Presenter: METE, Alaettin Serhan (University of California Irvine (US))

Session Classification: WLCG parallel

Contribution ID: 96

Type: **not specified**

Storage modeling and data popularity

Wednesday, March 20, 2019 11:20 AM (20 minutes)

Studies on caches and data popularity. Discussing the relation with DOMA access and DOMA QoS.

Primary authors: Dr SCIABÀ, Andrea (CERN); SCHULZ, Markus (CERN)

Presenters: Dr SCIABÀ, Andrea (CERN); SCHULZ, Markus (CERN)

Session Classification: WLCG parallel

Contribution ID: 97

Type: **not specified**

Update on potential gains

Wednesday, March 20, 2019 11:40 AM (20 minutes)

New iteration of the attempt to quantify the potential gains by optimization at all levels

Primary author: SCHULZ, Markus (CERN)

Presenter: SCHULZ, Markus (CERN)

Session Classification: WLCG parallel

Contribution ID: **98**

Type: **not specified**

Roadmap update

Wednesday, March 20, 2019 12:00 PM (30 minutes)

Discussion on the update of the working group's roadmap, the medium term plan and the next steps

Primary authors: Dr SCIABÀ, Andrea (CERN); FLIX MOLINA, Jose (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas); SCHULZ, Markus (CERN)

Presenter: Dr SCIABÀ, Andrea (CERN)

Session Classification: WLCG parallel

Contribution ID: 99

Type: **not specified**

Building a distributed and shared computing facility for campus community –Rutgers' initiatives and collaborations with OSG

Tuesday, March 19, 2019 4:00 PM (30 minutes)

Presenter: Dr DESINGHU, Bala (Rutgers University)

Session Classification: OSG

Contribution ID: **100**

Type: **not specified**

Dinos and data: Research computing at the American Museum of Natural History

Tuesday, March 19, 2019 4:30 PM (30 minutes)

Presenter: BENEDETTO, Michael (American Museum of Natural History)

Session Classification: OSG

Contribution ID: **101**

Type: **not specified**

Support for campus-based digital resource creation through the Science Gateways Community Institute

Tuesday, March 19, 2019 5:00 PM (30 minutes)

Presenter: QUICK, Robert (Indiana University)

Session Classification: OSG

Contribution ID: **102**

Type: **not specified**

Welcome and Logistics

Monday, March 18, 2019 9:00 AM (10 minutes)

Presenter: BOEHNLEIN, Amber (Jefferson Lab)

Session Classification: Welcome

Contribution ID: **103**

Type: **not specified**

Overview of Jefferson Lab

Monday, March 18, 2019 9:10 AM (20 minutes)

Presenter: Dr HENDERSON, Stuart

Session Classification: Welcome

Contribution ID: **104**

Type: **not specified**

Computing Activities for the 12 GeV Science Program

Monday, March 18, 2019 9:35 AM (20 minutes)

Presenter: Dr DE VITA, Raffaella

Session Classification: Welcome

Contribution ID: **105**

Type: **not specified**

If you give a GlueX researcher a computer...

Tuesday, March 19, 2019 2:00 PM (30 minutes)

Presenter: BRITTON, Thomas (Jefferson Lab)

Session Classification: OSG

Contribution ID: **106**

Type: **not specified**

Status and plans for the FIFE project and Fermilab IF experiments

Tuesday, March 19, 2019 2:30 PM (30 minutes)

Presenters: Dr HERNER, Kenneth Richard (Fermi National Accelerator Laboratory (US)); NORMAN, Andrew (Fermilab)

Session Classification: OSG

Contribution ID: **107**

Type: **not specified**

Plugging the OSG into Syracuse University's research computing strategy

Tuesday, March 19, 2019 3:00 PM (30 minutes)

Presenter: SEDORE, Eric (Syracuse University)

Session Classification: OSG

Contribution ID: **108**

Type: **not specified**

Uncovering repeatable genetic mechanisms of biological invasions

Tuesday, March 19, 2019 11:00 AM (30 minutes)

Presenter: STERN, David (University of Wisconsin–Madison)

Session Classification: OSG

Contribution ID: **109**

Type: **not specified**

Estimating dynamic structural models in Economics using OSG

Tuesday, March 19, 2019 11:30 AM (30 minutes)

Presenter: PERI, Alessandro (University of Colorado Boulder)

Session Classification: OSG

Contribution ID: 110

Type: **not specified**

Reliable measures of regional brain activity – towards neuroelectric diagnostics

Tuesday, March 19, 2019 12:00 PM (30 minutes)

Presenter: Dr KRIEGER, Don (University of Pittsburgh)

Session Classification: OSG

Contribution ID: **111**

Type: **not specified**

Site-facing services for OSG resource providers

Wednesday, March 20, 2019 9:00 AM (20 minutes)

Presenter: DOST, Jeffrey Michael (Univ. of California San Diego (US))

Session Classification: OSG

Contribution ID: 112

Type: **not specified**

OSG networking: Status, collaborations, and plans

Wednesday, March 20, 2019 9:20 AM (20 minutes)

Presenter: MCKEE, Shawn (University of Michigan)

Session Classification: OSG

Contribution ID: 113

Type: **not specified**

Transforming research in collaboration with funding agencies

Wednesday, March 20, 2019 9:40 AM (25 minutes)

Presenter: Dr PADHI, Sanjay (Amazon Web Services)

Session Classification: OSG

Contribution ID: 114

Type: **not specified**

Supporting large-scale e-science in the Netherlands

Wednesday, March 20, 2019 10:05 AM (25 minutes)

Presenter: AAIJ, Roel (Nikhef National institute for subatomic physics (NL))

Session Classification: OSG

Contribution ID: 115

Type: **not specified**

Services in support of multi-institution science

Wednesday, March 20, 2019 11:00 AM (30 minutes)

Presenter: Dr PASCHOS, Paschalis (University of Chicago)

Session Classification: OSG

Contribution ID: **116**

Type: **not specified**

Computing for experimental nuclear physics at Jefferson Lab

Wednesday, March 20, 2019 11:30 AM (30 minutes)

Presenter: HEYES, Graham (Jefferson Lab)

Session Classification: OSG

Contribution ID: 117

Type: **not specified**

GlueX experience with simulations on the OSG

Wednesday, March 20, 2019 12:00 PM (30 minutes)

Presenter: JONES, Richard (University of Connecticut)

Session Classification: OSG

Contribution ID: **118**

Type: **not specified**

The state of OSG

Tuesday, March 19, 2019 9:00 AM (40 minutes)

Presenter: WÜRTHWEIN, Frank (UCSD)

Session Classification: OSG

Contribution ID: **119**

Type: **not specified**

OSG Software: The year in review

Tuesday, March 19, 2019 9:40 AM (20 minutes)

Presenter: LIN, Brian Hua (University of Wisconsin - Madison)

Session Classification: OSG

Contribution ID: 120

Type: **not specified**

OSG's impact to researchers and campuses

Tuesday, March 19, 2019 10:00 AM (30 minutes)

Presenter: MICHAEL, Lauren (University of Wisconsin–Madison)

Session Classification: OSG

Contribution ID: 121

Type: **not specified**

Upcoming developments in support of researchers and campuses

Wednesday, March 20, 2019 4:00 PM (30 minutes)

Presenter: MICHAEL, Lauren (University of Wisconsin–Madison)

Session Classification: OSG

Contribution ID: 122

Type: **not specified**

Coming next in OSG Technology

Wednesday, March 20, 2019 4:30 PM (30 minutes)

Presenter: BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US))

Session Classification: OSG

Contribution ID: **123**

Type: **not specified**

The future of OSG

Wednesday, March 20, 2019 5:00 PM (30 minutes)

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

Session Classification: OSG

Contribution ID: 124

Type: **not specified**

Supporting experimental science at the National Center for Supercomputing Applications

Wednesday, March 20, 2019 2:00 PM (30 minutes)

Presenter: JOHNSON, Margaret (University of Illinois at Urbana-Champaign)

Session Classification: OSG

Contribution ID: 125

Type: **not specified**

Me, my friends, and everyone else —campuses and OSG

Wednesday, March 20, 2019 2:30 PM (30 minutes)

Presenter: Dr SWANSON, david (CMS)

Session Classification: OSG

Contribution ID: 126

Type: **not specified**

Gravitational-wave astronomy on the OSG

Wednesday, March 20, 2019 3:00 PM (30 minutes)

Presenter: Prof. BROWN, Duncan (Syracuse University)

Session Classification: OSG

Contribution ID: 127

Type: **not specified**

Present and Future Technologies for Data Analysis

Thursday, March 21, 2019 9:00 AM (20 minutes)

Presenter: PIPARO, Danilo (CERN)

Session Classification: HSF parallel

Contribution ID: **128**

Type: **not specified**

Experience with python-based declarative analysis

Thursday, March 21, 2019 9:20 AM (20 minutes)

Presenter: SMITH, Nick (Fermi National Accelerator Lab. (US))

Session Classification: HSF parallel

Contribution ID: **129**

Type: **not specified**

Declarative Analysis in C++ and Python with ROOT

Thursday, March 21, 2019 9:40 AM (20 minutes)

Presenter: WUNSCH, Stefan (KIT - Karlsruhe Institute of Technology (DE))

Session Classification: HSF parallel

Contribution ID: **130**

Type: **not specified**

Discussion

Thursday, March 21, 2019 10:00 AM (30 minutes)

Presenter: Dr ALL

Session Classification: HSF parallel

Contribution ID: 131

Type: **not specified**

Vacuum models (DODAS,Vac,Vcycle)

Thursday, March 21, 2019 4:20 PM (10 minutes)

Presenters: MCNAB, Andrew (University of Manchester); SPIGA, Daniele (Universita e INFN, Perugia (IT))

Session Classification: WLCG parallel

Contribution ID: **132**

Type: **not specified**

SLATE + PRP

Thursday, March 21, 2019 4:30 PM (10 minutes)

Presenters: GARDNER, Rob; GARDNER JR, Robert William (University of Chicago (US))

Session Classification: WLCG parallel

Contribution ID: 133

Type: **not specified**

SIMPLE

Thursday, March 21, 2019 4:40 PM (10 minutes)

Presenters: LITMAATH, Maarten (CERN); SHARMA, Mayank (CERN); SILVA JUNIOR, Eraldo (CBPF - Brazilian Center for Physics Research (BR))

Session Classification: WLCG parallel

Contribution ID: **134**

Type: **not specified**

Discussion

Thursday, March 21, 2019 4:50 PM (40 minutes)

Several alternative strategies for lightweight deployment and operations at sites have been presented in this session. We would like to assess which circumstances are matched by which strategies, so that each site may make its own optimal choice for the coming years.

Session Classification: WLCG parallel

Contribution ID: 135

Type: **not specified**

Lightweight sites - introduction

Thursday, March 21, 2019 4:15 PM (5 minutes)

Presenter: LITMAATH, Maarten (CERN)

Session Classification: WLCG parallel

Contribution ID: 136

Type: **not specified**

OSG Site Admin Training Pt. 1

Thursday, March 21, 2019 9:00 AM (1h 30m)

Presenter: LIN, Brian Hua (University of Wisconsin - Madison)

Session Classification: OSG

Contribution ID: 137

Type: **not specified**

OSG Site Admin Training Pt. 2

Thursday, March 21, 2019 11:00 AM (1h 30m)

Presenter: LIN, Brian Hua (University of Wisconsin - Madison)

Session Classification: OSG

Contribution ID: **138**

Type: **not specified**

Initial matters

Thursday, March 21, 2019 9:00 AM (5 minutes)

Presenter: SWANSON, david (CMS)

Session Classification: OSG

Contribution ID: **139**

Type: **not specified**

State of OSG

Thursday, March 21, 2019 9:05 AM (25 minutes)

Presenter: WUERHWEIN, Frank (Univ. of California San Diego (US))

Session Classification: OSG

Contribution ID: 140

Type: **not specified**

Council Membership application (JLAB)

Thursday, March 21, 2019 9:30 AM (20 minutes)

Presenter: BOEHNLEIN, Amber (Jefferson Lab)

Session Classification: OSG

Contribution ID: **141**

Type: **not specified**

Vote on JLab membership

Thursday, March 21, 2019 9:50 AM (10 minutes)

Presenter: SWANSON, david (CMS)

Session Classification: OSG

Contribution ID: 142

Type: **not specified**

Council Membership application (includes IRIS-HEP)

Thursday, March 21, 2019 10:00 AM (20 minutes)

Presenter: ELMER, Peter (Princeton University (US))

Session Classification: OSG

Contribution ID: 143

Type: **not specified**

Vote on Peter Elmer (IRIS-HEP) membership

Thursday, March 21, 2019 10:20 AM (10 minutes)

Presenter: SWANSON, david (CMS)

Session Classification: OSG

Contribution ID: 144

Type: **not specified**

Operations transition

Thursday, March 21, 2019 11:00 AM (20 minutes)

Presenter: DOST, Jeffrey Michael (Univ. of California San Diego (US))

Session Classification: OSG

Contribution ID: 145

Type: **not specified**

FoCaS

Thursday, March 21, 2019 11:20 AM (30 minutes)

Presenter: WUERHWEIN, Frank (Univ. of California San Diego (US))

Session Classification: OSG

Contribution ID: 146

Type: **not specified**

Discussion

Thursday, March 21, 2019 11:50 AM (20 minutes)

Presenter: SWANSON, david (CMS)

Session Classification: OSG

Contribution ID: **147**

Type: **not specified**

AOB, adjourn

Thursday, March 21, 2019 12:10 PM (20 minutes)

Presenter: SWANSON, david (CMS)

Session Classification: OSG