

**WLCG Workshop 2016, in
conjunction with CHEP 2016**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Saturday, October 8, 2016 9:00 AM (15 minutes)

Primary authors: BIRD, Ian (CERN); MOUNT, Richard Philip (SLAC National Accelerator Laboratory (US))

Presenters: BIRD, Ian (CERN); MOUNT, Richard Philip (SLAC National Accelerator Laboratory (US))

Contribution ID: 2

Type: **not specified**

Saturday Morning Session 1

Contribution ID: 3

Type: **not specified**

Coffee Break

Contribution ID: 4

Type: **not specified**

Saturday Morning Session 2

Contribution ID: 5

Type: **not specified**

Lunch

Contribution ID: 6

Type: **not specified**

Saturday Afternoon Session 1

Contribution ID: 7

Type: **not specified**

Coffee Break

Contribution ID: 8

Type: **not specified**

Saturday Afternoon Session 2

Contribution ID: 9

Type: **not specified**

ALICE

Contribution ID: **10**

Type: **not specified**

ATLAS

Contribution ID: **11**

Type: **not specified**

CMS

Contribution ID: **12**

Type: **not specified**

LHCb

Contribution ID: **13**

Type: **not specified**

T0

Contribution ID: **14**

Type: **not specified**

Discussion

Contribution ID: 15

Type: **not specified**

HEP Cloud Initiative

Contribution ID: 16

Type: **not specified**

CERN Cloud procurement and experience using commercial providers

Contribution ID: 17

Type: **not specified**

HPC?

Contribution ID: **18**

Type: **not specified**

Information System Evolution

Contribution ID: **19**

Type: **not specified**

Definition of the resource requirements

Contribution ID: **20**

Type: **not specified**

Demonstrator 1

Contribution ID: **21**

Type: **not specified**

Demonstrator 2

Contribution ID: 22

Type: **not specified**

Discussion

Contribution ID: **23**

Type: **not specified**

Coffee break

Contribution ID: 24

Type: **not specified**

Update on the requirements

Saturday, October 8, 2016 9:15 AM (30 minutes)

Presenter: BIRD, Ian (CERN)

Contribution ID: 25

Type: **not specified**

Technology evolution

Saturday, October 8, 2016 4:00 PM (30 minutes)

Primary author: MEINHARD, Helge (CERN)

Presenter: MEINHARD, Helge (CERN)

Contribution ID: 26

Type: **not specified**

IPv6 in WLCG

Saturday, October 8, 2016 2:00 PM (20 minutes)

IPv6 in WLCG

Presenter: DEWHURST, Alastair (STFC - Rutherford Appleton Lab. (GB))

Session Classification: Network

Contribution ID: 27

Type: **not specified**

LHCOPN/LHCONE Status and Plans

Saturday, October 8, 2016 2:25 PM (15 minutes)

Presentation of LHCOPN/LHCONE status and plans

Presenter: CASS, Tony (CERN)

Session Classification: Network

Contribution ID: 28

Type: **not specified**

WLCG Network Evolution

Saturday, October 8, 2016 2:45 PM (15 minutes)

Presentation on how networking is evolving and what the WLCG experiments should be planning for.

Presenter: MC KEE, Shawn (University of Michigan (US))

Session Classification: Network

Contribution ID: 29

Type: **not specified**

Discussion and Questions

Saturday, October 8, 2016 3:00 PM (30 minutes)

Discussion and questions about networking

Session Classification: Network

Contribution ID: **30**

Type: **not specified**

Summary of Infrastructure perspective (Europe)

Saturday, October 8, 2016 9:50 AM (10 minutes)

Presenter: DEWHURST, Alastair (STFC - Rutherford Appleton Lab. (GB))

Session Classification: Data management

Contribution ID: **31**

Type: **not specified**

Summary of Infrastructure perspective (OSG)

Saturday, October 8, 2016 10:00 AM (10 minutes)

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

Session Classification: Data management

Contribution ID: 32

Type: **not specified**

Summary of storage provder perspective

Saturday, October 8, 2016 10:10 AM (10 minutes)

Presenter: KEEBLE, Oliver (CERN)

Session Classification: Data management

Contribution ID: 33

Type: **not specified**

Summary of experiment perspective

Saturday, October 8, 2016 10:20 AM (10 minutes)

Presenter: YANG, Wei (SLAC National Accelerator Laboratory (US))

Session Classification: Data management

Contribution ID: **34**

Type: **not specified**

Introduction

Saturday, October 8, 2016 9:45 AM (5 minutes)

Presenter: KEEBLE, Oliver (CERN)

Session Classification: Data management

Contribution ID: 35

Type: **not specified**

Intro

Sunday, October 9, 2016 11:00 AM (5 minutes)

Primary author: MEINHARD, Helge (CERN)

Co-author: GIORDANO, Domenico (CERN)

Presenters: GIORDANO, Domenico (CERN); MEINHARD, Helge (CERN)

Session Classification: Clouds

Contribution ID: 36

Type: **not specified**

Tier-0 experience with commercial clouds

Sunday, October 9, 2016 11:05 AM (15 minutes)

Primary author: GIORDANO, Domenico (CERN)

Presenter: GIORDANO, Domenico (CERN)

Session Classification: Clouds

Contribution ID: 37

Type: **not specified**

US Tier-1s experience with commercial clouds

Sunday, October 9, 2016 11:20 AM (15 minutes)

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

Co-author: HOVER, John (Brookhaven National Laboratory (BNL)-Unknown-Unknown)

Presenters: HUFNAGEL, Dirk (Fermi National Accelerator Lab. (US)); HOVER, John (Brookhaven National Laboratory (BNL)-Unknown-Unknown)

Session Classification: Clouds

Contribution ID: **38**

Type: **not specified**

Cloud experiences of other sites

Sunday, October 9, 2016 11:35 AM (15 minutes)

Primary author: SOBIE, Randy (University of Victoria (CA))

Presenter: SOBIE, Randy (University of Victoria (CA))

Session Classification: Clouds

Contribution ID: **39**

Type: **not specified**

Discussion

Sunday, October 9, 2016 11:50 AM (40 minutes)

Session Classification: Clouds

Contribution ID: 40

Type: **not specified**

Introduction to the Performance session

Sunday, October 9, 2016 9:00 AM (5 minutes)

Presenters: VALASSI, Andrea (CERN); RZEHORZ, Gerhard Ferdinand (Georg-August-Universitaet Goettingen (DE))

Session Classification: Performance

Contribution ID: 41

Type: **not specified**

Workflow efficiency studies in CERN IT

Sunday, October 9, 2016 9:05 AM (10 minutes)

Presenter: RZEHORZ, Gerhard Ferdinand (Georg-August-Universitaet Goettingen (DE))

Session Classification: Performance

Contribution ID: 42

Type: **not specified**

ALICE workflow efficiency studies

Sunday, October 9, 2016 9:35 AM (5 minutes)

Presenter: LITMAATH, Maarten (CERN)

Session Classification: Performance

Contribution ID: 43

Type: **not specified**

ATLAS workflow and software performance studies

Sunday, October 9, 2016 9:50 AM (20 minutes)

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

Session Classification: Performance

Contribution ID: 44

Type: **not specified**

LHCb workflow efficiency studies

Sunday, October 9, 2016 9:20 AM (15 minutes)

Presenter: CHARPENTIER, Philippe (CERN)

Session Classification: Performance

Contribution ID: 45

Type: **not specified**

Performance studies in CERN IT

Sunday, October 9, 2016 9:15 AM (5 minutes)

Presenter: VALASSI, Andrea (CERN)

Session Classification: Performance

Contribution ID: 46

Type: **not specified**

ALICE software performance studies

Sunday, October 9, 2016 9:40 AM (10 minutes)

Presenter: LITMAATH, Maarten (CERN)

Session Classification: Performance

Contribution ID: 47

Type: **not specified**

CMS workflow and software performance studies

Sunday, October 9, 2016 10:10 AM (20 minutes)

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

Session Classification: Performance

Contribution ID: 48

Type: **not specified**

Discussion

Saturday, October 8, 2016 10:30 AM (15 minutes)

Session Classification: Data management

Contribution ID: 49

Type: **not specified**

Discussion

Saturday, October 8, 2016 11:15 AM (30 minutes)

Session Classification: Data management

Contribution ID: **50**

Type: **not specified**

Wrap-up

Sunday, October 9, 2016 12:30 PM (20 minutes)

Contribution ID: 51

Type: **not specified**

Introduction

Saturday, October 8, 2016 11:45 AM (5 minutes)

Presenter: COLLIER, Ian (STFC - Rutherford Appleton Lab. (GB))

Session Classification: Security

Contribution ID: 52

Type: **not specified**

Working Group Reports

Saturday, October 8, 2016 11:50 AM (10 minutes)

Update on the Security Operations Centre and Traceability & Isolation WGs set up after the Lisbon Workshop

Presenter: CROOKS, David (University of Glasgow (GB))

Session Classification: Security

Contribution ID: 53

Type: **not specified**

Responding to a changing Security Threat Landscape

Saturday, October 8, 2016 12:00 PM (20 minutes)

Presenter: WARTEL, Romain (CERN)

Session Classification: Security

Contribution ID: 54

Type: **not specified**

Discussio

Saturday, October 8, 2016 12:20 PM (10 minutes)

Presenter: COLLIER, Ian (STFC - Rutherford Appleton Lab. (GB))

Session Classification: Security

Contribution ID: 55

Type: **not specified**

Community White Paper: Status and Plans

Sunday, October 9, 2016 2:00 PM (45 minutes)

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

Session Classification: HSF

Contribution ID: 56

Type: **not specified**

Discussion of Community White Paper Organization

Sunday, October 9, 2016 2:45 PM (45 minutes)

Session Classification: HSF

Contribution ID: 57

Type: **not specified**

Discussion of Community White Paper Organization

Sunday, October 9, 2016 4:00 PM (1 hour)

Session Classification: HSF

Contribution ID: 58

Type: **not specified**

Opportunistic, elastic and over-pledge resources - accounting, policy and planning

Saturday, October 8, 2016 4:30 PM (20 minutes)

How do we measure the real resources available? How do we plan when a large fraction are not funded through the funding agencies (and are often from University budgets)? How do we build models built on the true current and future nature and location of available resources?

Presenters: ANDREEVA, Julia (CERN); JONES, Roger (Lancaster University (GB))

Session Classification: Collaboration board

Contribution ID: 59

Type: **not specified**

HNSciCloud

Saturday, October 8, 2016 4:50 PM (10 minutes)

Presenter: MEINHARD, Helge (CERN)

Session Classification: Collaboration board

Contribution ID: **60**

Type: **not specified**

EUT0

Saturday, October 8, 2016 5:00 PM (10 minutes)

Session Classification: Collaboration board

Contribution ID: **61**

Type: **not specified**

New VOs and Communities

Saturday, October 8, 2016 5:10 PM (20 minutes)

Presenter: BIRD, Ian (CERN)

Session Classification: Collaboration board