

ADC TIM at CERN

Report of Contributions

Contribution ID: 1

Type: **not specified**

Review of Resource Descriptions

Friday 22 September 2017 09:00 (30 minutes)

report about the various information need to be cleaned up, like schedconfig, ddmendpoints attributes, ObjectStore structure (how they are attached to sites).
review the freq of what we need.

Presenter: DI GIROLAMO, Alessandro (CERN)

Contribution ID: 2

Type: **not specified**

Pilot 2

Friday 22 September 2017 09:30 (45 minutes)

Presenter: NILSSON, Paul (Brookhaven National Laboratory (US))

Contribution ID: 5

Type: **not specified**

Workflow Management System for Run-3 and beyond

Friday 22 September 2017 10:45 (30 minutes)

Presenters: KLIMENTOV, Alexei (Brookhaven National Laboratory (US)); BARREIRO MEGINO, Fernando Harald (University of Texas at Arlington)

Session Classification: ADC (r)evolution for Hi-Lumi LHC

Contribution ID: 6

Type: **not specified**

Distributed Data Management System for Run-3 and beyond

Friday 22 September 2017 11:15 (30 minutes)

Presenters: SERFON, Cedric (University of Oslo (NO)); LASSNIG, Mario (CERN)

Session Classification: ADC (r)evolution for Hi-Lumi LHC

Contribution ID: 7

Type: **not specified**

Welcome to TIM

Wednesday 20 September 2017 09:00 (10 minutes)

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

Session Classification: Compute Resource Description

Contribution ID: 8

Type: **not specified**

Batch systems: HTCondor at CERN

Wednesday 20 September 2017 09:10 (20 minutes)

Presenter: JONES, Ben (CERN)

Session Classification: Compute Resource Description

Contribution ID: 9

Type: **not specified**

Batch systems: HTCondor at KIT

Wednesday 20 September 2017 09:30 (20 minutes)

Presenter: ALEF, Manfred (Karlsruhe Institute of Technology (KIT))

Session Classification: Compute Resource Description

Contribution ID: **10**

Type: **not specified**

Batch systems: SLURM

Wednesday 20 September 2017 09:50 (20 minutes)

Presenters: KARPENKO, Dmytro (University of Oslo); NILSEN, Jon Kerr (University of Oslo (NO))

Session Classification: Compute Resource Description

Contribution ID: **11**

Type: **not specified**

CEs: ARC

Wednesday 20 September 2017 10:10 (20 minutes)

Presenter: PEDERSEN, Maiken (University of Oslo (NO))

Session Classification: Compute Resource Description

Contribution ID: 12

Type: **not specified**

Harvester for Grid: summary

Wednesday 20 September 2017 11:20 (15 minutes)

Presenter: MAENO, Tadashi (Brookhaven National Laboratory (US))

Session Classification: Compute Resource Description

Contribution ID: 13

Type: **not specified**

Harvester for Grid: information flow and requirements

Wednesday 20 September 2017 11:35 (15 minutes)

Presenter: DE SALVO, Alessandro (Sapienza Universita e INFN, Roma I (IT))

Session Classification: Compute Resource Description

Contribution ID: **14**

Type: **not specified**

Discussion

Wednesday 20 September 2017 11:50 (1 hour)

Discussion on how to best provide information through harvester for Panda to better schedule jobs. Possible extensions to existing components (batch systems, CEs).

If time allows, discussion on pull vs push models and unified panda queues.

Session Classification: Compute Resource Description

Contribution ID: 15

Type: **not specified**

WAN/LAN studies - history, present, future

Thursday 21 September 2017 11:00 (10 minutes)

Presenters: VUKOTIC, Ilija (University of Chicago (US)); JAVUREK, Tomas (Albert Ludwigs Universitaet Freiburg (DE)); TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Session Classification: Data Access

Contribution ID: 16

Type: **not specified**

WAN/LAN monitoring and statistics

Thursday 21 September 2017 11:10 (20 minutes)

Presenters: BOGADO GARCIA, Joaquin Ignacio (Universidad Nacional de La Plata (AR)); BEER-MANN, Thomas (CERN)

Session Classification: Data Access

Contribution ID: 17

Type: **not specified**

Singularity and ATLAS status

Thursday 21 September 2017 09:00 (20 minutes)

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

Session Classification: Containers

Contribution ID: **18**

Type: **not specified**

Site perspective and deployment model

Thursday 21 September 2017 09:20 (20 minutes)

Presenters: FORTI, Alessandra (University of Manchester (GB)); DE SALVO, Alessandro (Sapienza Universita e INFN, Roma I (IT)); WALKER, Rodney (Ludwig Maximilians Universitat (DE))

Session Classification: Containers

Contribution ID: **19**

Type: **not specified**

Experience on sites

Thursday 21 September 2017 09:40 (30 minutes)

Presenters: LAHIFF, Andrew David (STFC - Rutherford Appleton Lab. (GB)); BENJAMIN, Doug (Duke University (US)); VAMVAKOPOULOS, Emmanouil (CC-IN2P3 - Centre de Calcul (FR)); ZHAO, Xin (Brookhaven National Laboratory (US))

Session Classification: Containers

Contribution ID: **20**

Type: **not specified**

Discussion and plans for deployment

Thursday 21 September 2017 10:10 (20 minutes)

Session Classification: Containers

Contribution ID: 22

Type: **not specified**

WAN/LAN site feedback

Thursday 21 September 2017 11:30 (20 minutes)

Presenter: SERFON, Cedric (University of Oslo (NO))

Session Classification: Data Access

Contribution ID: 23

Type: **not specified**

Data management (GlobusOnline, AGIS, Harvester, Rucio)

Wednesday 20 September 2017 15:10 (20 minutes)

Presenters: BENJAMIN, Doug (Duke University (US)); LASSNIG, Mario (CERN)

Session Classification: HPC

Contribution ID: 24

Type: **not specified**

HPC allocations

Wednesday 20 September 2017 14:00 (30 minutes)

Presenters: KLIMENTOV, Alexei (Brookhaven National Laboratory (US)); SCIACCA, Francesco Giovanni (Universitaet Bern (CH)); CALAFIURA, Paolo (Lawrence Berkeley National Lab. (US)); WALKER, Rodney (Ludwig Maximilians Universitat (DE)); Prof. WU, Wenjing (Computer Center, IHEP, CAS)

Session Classification: HPC

Contribution ID: 25

Type: **not specified**

HPCs and central production

Wednesday 20 September 2017 14:30 (20 minutes)

Presenter: MAENO, Tadashi (Brookhaven National Laboratory (US))

Session Classification: HPC

Contribution ID: 26

Type: **not specified**

HPC usage and technical aspects

Wednesday 20 September 2017 16:00 (1 hour)

Presenters: OLEYNIK, Danila (Joint Institute for Nuclear Research (RU)); BENJAMIN, Doug (Duke University (US)); SCIACCA, Francesco Giovanni (Universitaet Bern (CH)); WALKER, Rodney (Ludwig Maximilians Universitat (DE)); CHILDERS, Taylor (Argonne National Laboratory (US)); WU, Wenjing (Computer Center, IHEP, CAS)

Session Classification: HPC

Contribution ID: 27

Type: **not specified**

Discusson

Wednesday 20 September 2017 17:00 (30 minutes)

software installations, containers, scalability, data delivery, workflows

Session Classification: HPC

Contribution ID: **28**

Type: **not specified**

CEs: HTCondor

Wednesday 20 September 2017 10:30 (20 minutes)

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

Session Classification: Compute Resource Description

Contribution ID: 29

Type: **not specified**

Summary and wrap-up

Friday 22 September 2017 12:25 (15 minutes)

Presenters: DI GIROLAMO, Alessandro (CERN); FILIPCIC, Andrej (Jozef Stefan Institute (SI)); OZ-TURK, Nurcan (University of Texas at Arlington (US))

Contribution ID: **30**

Type: **not specified**

Software Improvements related to ADC Performance

Friday 22 September 2017 11:45 (25 minutes)

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

Session Classification: ADC (r)evolution for Hi-Lumi LHC

Contribution ID: 31

Type: **not specified**

Overview. Interaction with storage systems

Thursday 21 September 2017 14:00 (20 minutes)

Presenters: DI GIROLAMO, Alessandro (CERN); GUAN, Wen (University of Wisconsin (US))

Session Classification: Event Service and Event Streaming Service

Contribution ID: **32**

Type: **not specified**

How to monitor ES tasks

Thursday 21 September 2017 14:20 (15 minutes)

Presenter: FULLANA TORREGROSA, Esteban (Univ. of Valencia and CSIC (ES))

Session Classification: Event Service and Event Streaming Service

Contribution ID: 33

Type: **not specified**

Event Streaming Service. Planning

Thursday 21 September 2017 14:50 (30 minutes)

Presenters: SERFON, Cedric (University of Oslo (NO)); LASSNIG, Mario (CERN); WENAUS, Torre (Brookhaven National Laboratory (US)); TSULAIA, Vakho (Lawrence Berkeley National Lab. (US))

Session Classification: Event Service and Event Streaming Service

Contribution ID: **34**

Type: **not specified**

AOB

Thursday 21 September 2017 15:20 (10 minutes)

ES beyond simulation

Feature requests

...

Session Classification: Event Service and Event Streaming Service

Contribution ID: 35

Type: **not specified**

S&C Dinner at Luigia

Wednesday 20 September 2017 18:30 (3 hours)

Contribution ID: 36

Type: **not specified**

EventService on HPCs

Wednesday 20 September 2017 14:50 (20 minutes)

Presenter: GUAN, Wen (University of Wisconsin (US))

Session Classification: HPC

Contribution ID: 37

Type: **not specified**

How to Compute Physics Results at HL-LHC

Friday 22 September 2017 12:10 (15 minutes)

Presenter: Dr JEZEQUEL, Stephane (LAPP (CNRS-USMB))

Session Classification: ADC (r)evolution for Hi-Lumi LHC

Contribution ID: 38

Type: **not specified**

Cloud resource review and evolution

Thursday 21 September 2017 16:30 (20 minutes)

Presenter: LOVE, Peter (Lancaster University (GB))

Session Classification: Cloud Resources

Contribution ID: **39**

Type: **not specified**

Recent activity and proposals

Thursday 21 September 2017 16:50 (20 minutes)

Presenter: BERGHAUS, Frank (University of Victoria (CA))

Session Classification: Cloud Resources

Contribution ID: 40

Type: **not specified**

BigPanDA Monitoring for the ES

Thursday 21 September 2017 14:35 (15 minutes)

Presenter: PADOLSKI, Siarhei (BNL)

Session Classification: Event Service and Event Streaming Service

Contribution ID: 41

Type: **not specified**

LAN/WAN from PanDA point of view

Thursday 21 September 2017 11:50 (10 minutes)

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

Session Classification: Data Access

Contribution ID: 42

Type: **not specified**

ATLAS@Home

Thursday 21 September 2017 17:10 (20 minutes)

Presenter: WU, Wenjing (Computer Center, IHEP, CAS)

Session Classification: Cloud Resources