

# **DPM Workshop 2018**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **A site**

*Thursday, May 31, 2018 10:00 AM (20 minutes)*

**Session Classification:** Feedback on current operational aspects - Clinic - Hands on

Contribution ID: 2

Type: **not specified**

## **VOs**

*Thursday, May 31, 2018 10:20 AM (25 minutes)*

**Session Classification:** Feedback on current operational aspects - Clinic - Hands on

Contribution ID: 3

Type: **not specified**

## Open mike feedbacks

*Thursday, May 31, 2018 10:45 AM (25 minutes)*

**Session Classification:** Feedback on current operational aspects - Clinic - Hands on

Contribution ID: 4

Type: **not specified**

## Welcome

*Thursday, May 31, 2018 1:00 PM (10 minutes)*

Contribution ID: 5

Type: **not specified**

## DPM architecture and milestones

*Thursday, May 31, 2018 1:10 PM (1h 10m)*

Following the development in bigger blocks, starting from last year's architecture talk. Following the steps that had been planned to get where we are, with a completed modernization that is 100% backward compatible.

DOME  
XrdHttp  
LCG-DM  
Xrootd  
Gsi-ftp  
WebDAV

**Author:** FURANO, Fabrizio (CERN)

**Presenter:** FURANO, Fabrizio (CERN)

Contribution ID: 6

Type: **not specified**

## **A look at dpm-tester**

*Thursday, May 31, 2018 2:20 PM (20 minutes)*

Contribution ID: 7

Type: **not specified**

## **Metadata performance: grid-hammer**

*Thursday, May 31, 2018 2:40 PM (20 minutes)*

A look at grid-hammer

A look at the nightly runs

Comparisons across versions



Contribution ID: 8

Type: **not specified**

## **dmlite-shell: improvements and walkthrough**

*Thursday, May 31, 2018 4:00 PM (20 minutes)*

**Author:** MANZI, Andrea (CERN)

**Presenter:** MANZI, Andrea (CERN)

Contribution ID: 9

Type: **not specified**

## **Volatile pools and file caching**

*Thursday, May 31, 2018 5:00 PM (20 minutes)*

Description and example

**Author:** KEEBLE, Oliver (CERN)

**Presenter:** KEEBLE, Oliver (CERN)

Contribution ID: **10**

Type: **not specified**

## Deploying a DPM across multiple sites

*Friday, June 1, 2018 11:30 AM (20 minutes)*

Deploying DPM disk servers across sites under a common head node has always been possible, yet some components are tricky to configure. The situation improves enabling DOME, as RFIO and other components are not necessary anymore.

**Author:** DORIA, Alessandra (Univ. + INFN)

**Presenter:** DORIA, Alessandra (Univ. + INFN)

Contribution ID: 11

Type: **not specified**

## **ARGUS support**

*Thursday, May 31, 2018 4:20 PM (20 minutes)*

**Author:** SKIPSEY, Samuel Cadellin

**Presenter:** SKIPSEY, Samuel Cadellin

Contribution ID: 12

Type: **not specified**

## **JSON Space reporting and GLUE2 information provider**

*Thursday, May 31, 2018 4:40 PM (20 minutes)*

A new GLUE information provider  
The JSON space reporting generator

**Author:** KEEBLE, Oliver (CERN)

**Presenter:** KEEBLE, Oliver (CERN)

Contribution ID: 13

Type: **not specified**

## Enabling DOME in DPM

*Friday, June 1, 2018 9:30 AM (40 minutes)*

From spacetokens to quotatokens  
Precise space reporting based on directory occupancy

How DOME honours spacetokens  
How the DPM daemon honours quotatokens  
How they play together, including SRM

SRM spacetoken-less writes (e.g. SAM tests and CMS)

**Author:** FURANO, Fabrizio (CERN)

**Presenter:** FURANO, Fabrizio (CERN)

Contribution ID: 14

Type: **not specified**

## Supporting ATLAS with DOME flavour

Advice and upgrade reports from a site that did it

Contribution ID: 15

Type: **not specified**

## Supporting CMS with DOME flavour

*Friday, June 1, 2018 10:10 AM (20 minutes)*

Technical advice from someone who did it

**Presenter:** SARTIRANA, Andrea (Centre National de la Recherche Scientifique (FR))



Contribution ID: 16

Type: **not specified**

## Joining the CMS AAA federation

*Friday, June 1, 2018 10:50 AM (20 minutes)*

**Author:** ZVADA, Marian (University of Nebraska Lincoln (US))

**Presenter:** ZVADA, Marian (University of Nebraska Lincoln (US))

Contribution ID: 17

Type: **not specified**

## **What's missing or difficult in the tuning hints?**

*Friday, June 1, 2018 1:55 PM (20 minutes)*

**Session Classification:** Upgrade clinic

Contribution ID: **18**

Type: **not specified**

## **On SRM-less storage operation for ATLAS**

*Thursday, May 31, 2018 3:00 PM (30 minutes)*

Wei will discuss requirements and recipes to run a storage element for ATLAS without using SRM

**Author:** YANG, Wei (SLAC National Accelerator Laboratory (US))

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

Contribution ID: **19**

Type: **not specified**

## **A federated file cache for Belle-II**

*Friday, June 1, 2018 11:10 AM (20 minutes)*

**Author:** PARDI, Silvio (INFN)

**Presenter:** PARDI, Silvio (INFN)

Contribution ID: 20

Type: **not specified**

## **Joining the CMS AAA federation**

Contribution ID: 21

Type: **not specified**

## **DPM 1.10 setup**

*Friday, June 1, 2018 1:30 PM (20 minutes)*

**Presenter:** MANZI, Andrea (CERN)

**Session Classification:** Upgrade clinic