

DPPS Workload-BDMS workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and Objectives

Monday 13 January 2025 09:00 (15 minutes)

- Overview of the workshop goals
- Key deliverables

Presenters: BOUWHUIS, Mieke (NIKHEF); Dr DALCHENKO, Mykhailo (University of Geneva); BENEKOS, Nectarios (University of Peloponnese (GR))

Contribution ID: 2

Type: **not specified**

Workload Status and Plans

Monday 13 January 2025 09:15 (1h 15m)

Updates from the Workload team.

- Challenges and plans for (CTA)DIRAC integration.
- Objectives for the DIRACX hackathon.

Presenters: ARRABITO, Luisa (LUPM IN2P3/CNRS); PIGOUX, Nathan

Contribution ID: 3

Type: **not specified**

Coffee break

Contribution ID: 4

Type: **not specified**

BDMS Status and Plans

Monday 13 January 2025 10:45 (45 minutes)

Updates from the BDMS team.

- Challenges and plans for RUCIO integration.
- Optimizing workflows for data management.

Presenters: LYARD, Etienne; ZACHARIS, Georgios; GALLOZZI, Stefano (INAF, Osservatorio Astronomico di Roma); HASAN, Syed Anwar Ul

Contribution ID: 5

Type: **not specified**

Workload-BDMS Interface Development

Status and plans for the Workload-BDMS interface.

- Discussion of metadata catalog functionalities and Rucio-DIRAC plugins.
- Key requirements for data query and retrieval optimization.

Presenter: Dr DALCHENKO, Mykhailo (University of Geneva)

Contribution ID: 6

Type: **not specified**

Workload-BDMS Interface Implementation Planning

Collaborative Planning

- Joint discussion on integration strategies.
- Identifying development priorities for shared components.

Contribution ID: 7

Type: **not specified**

Hackathon preparation

Monday 13 January 2025 15:45 (1h 45m)

- Defining action items for the DIRACX hackathon.
- Setting priorities for the DIRAC-RUCIO hackathon.

Contribution ID: 8

Type: **not specified**

Metadata handling in RUCIO: gaps and opportunities

Tuesday 14 January 2025 09:00 (3 hours)

- Discuss the metadata handling options
- Establish metrics for performance testing
- Implement prototypes

Contribution ID: 9

Type: **not specified**

BDMS prototyping

Tuesday 14 January 2025 13:30 (3h 30m)

- Continued prototyping and testing.

Contribution ID: **10**

Type: **not specified**

Metadata needs for CTAO

Monday 13 January 2025 11:30 (30 minutes)

Rehearsal of the contribution to DIRAC-Rucio miniworkshop

Presenters: GILLARDO, Frederic (Centre National de la Recherche Scientifique (FR)); ZACHARIS, Georgios; GILLARDO, frederic

Contribution ID: **11**

Type: **not specified**

DIRAC-RUCIO integration needs for CTAO

Monday 13 January 2025 13:30 (1 hour)

Presenter: LINHOFF, Maximilian (TU Dortmund | CTAO)

Contribution ID: **12**

Type: **not specified**

Getting Rucio and DIRAC deployed using K8s

Monday 13 January 2025 14:30 (1 hour)

Presenters: Dr SAVCHENKO, Volodymyr (Department of Astronomy, University of Geneva); Dr SAVCHENKO, Volodymyr (EPFL, Switzerland)