

# **The 8th DIRAC Users' Workshop**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## LHCb

*Wednesday 23 May 2018 16:10 (20 minutes)*

**Presenter:** CHARPENTIER, Philippe (CERN)

**Session Classification:** Experiment reports

Contribution ID: 2

Type: **not specified**

## **Belle2**

*Wednesday 23 May 2018 16:30 (20 minutes)*

**Presenter:** UEDA, I (KEK IPNS)

**Session Classification:** Experiment reports

Contribution ID: 3

Type: **not specified**

## CTA

*Thursday 24 May 2018 09:00 (20 minutes)*

**Presenter:** BREGEON, Johan (INFN sez. di Pisa)

**Session Classification:** Experiment reports

Contribution ID: 4

Type: **not specified**

## Linear Collider

*Thursday 24 May 2018 11:20 (20 minutes)*

**Presenter:** PETRIC, Marko (CERN)

**Session Classification:** Experiment reports

Contribution ID: 5

Type: **not specified**

**BES**

**Presenter:** Mr ZHAO, Xianghu

**Session Classification:** Experiment reports

Contribution ID: 6

Type: **not specified**

## GridPP

*Thursday 24 May 2018 10:00 (20 minutes)*

**Presenter:** BAUER, Daniela (Imperial College (GB))

**Session Classification:** Experiment reports

Contribution ID: 7

Type: **not specified**

## France Grilles

**Presenter:** HAMAR, Vanessa (CC-IN2P3)

**Session Classification:** Experiment reports



Contribution ID: 8

Type: **not specified**

## PNNL

*Thursday 24 May 2018 09:20 (20 minutes)*

**Presenter:** SCHRAM, Malachi (Pacific Northwest National Laboratory)

**Session Classification:** Experiment reports

Contribution ID: 9

Type: **not specified**

## EGI

*Thursday 24 May 2018 09:40 (20 minutes)*

**Presenter:** Mr GRENIER, Baptiste (EGI Foundation)

**Session Classification:** Experiment reports

Contribution ID: **10**

Type: **not specified**

## weNMR

**Presenter:** Dr TRELLET, Mikael (Utrecht University)

**Session Classification:** Experiment reports

Contribution ID: **11**

Type: **not specified**

## **Intro and overview**

**Presenter:** STAGNI, Federico (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 12

Type: **not specified**

## WMS and computing resources

*Tuesday 22 May 2018 12:20 (30 minutes)*

**Presenter:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 13

Type: **not specified**

## Data Management

*Tuesday 22 May 2018 14:00 (30 minutes)*

**Presenter:** HAEN, Christophe (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 14

Type: **not specified**

## Core, framework, accounting

**Primary authors:** KRZEMIEN, Wojciech Jan (National Centre for Nuclear Research (PL)); MATHE, Zoltan (CERN)

**Presenters:** KRZEMIEN, Wojciech Jan (National Centre for Nuclear Research (PL)); MATHE, Zoltan (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 15

Type: **not specified**

# Transformation System

*Tuesday 22 May 2018 16:10 (20 minutes)*

**Presenter:** ARRABITO, Luisa

**Session Classification:** DIRAC developments and devOps



Contribution ID: **16**

Type: **not specified**

## **Resource Status System**

*Tuesday 22 May 2018 14:50 (20 minutes)*

**Presenter:** STAGNI, Federico (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 17

Type: **not specified**

## **Pilots3**

*Wednesday 23 May 2018 09:00 (25 minutes)*

**Presenter:** KRZEMIEN, Wojciech Jan (National Centre for Nuclear Research (PL))

**Session Classification:** DIRAC developments and devOps

Contribution ID: **18**

Type: **not specified**

## **Development plans**

*Friday 25 May 2018 09:50 (20 minutes)*

**Presenter:** STAGNI, Federico (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: **19**

Type: **not specified**

## **Packaging and deploying DIRAC**

**Presenter:** CLOSIER, Joel (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: **20**

Type: **not specified**

## **DIRAC on Mesos**

**Presenter:** HAEN, Christophe (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: **21**

Type: **not specified**

## Welcome

*Tuesday 22 May 2018 11:00 (5 minutes)*

**Presenter:** DELAUNAY, Benoit

**Session Classification:** Welcome, news, farewell

Contribution ID: 22

Type: **not specified**

## **DIRAC news**

*Tuesday 22 May 2018 11:05 (15 minutes)*

**Presenter:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** Welcome, news, farewell

Contribution ID: 23

Type: **not specified**

## **ELI**

**Presenter:** CHUDOBA, Jiri (Acad. of Sciences of the Czech Rep. (CZ))

**Session Classification:** Experiment reports



Contribution ID: 24

Type: **not specified**

## Auger

**Presenter:** CHUDOBA, Jiri (Acad. of Sciences of the Czech Rep. (CZ))

**Session Classification:** Experiment reports

Contribution ID: 25

Type: **not specified**

## DIRAC@JINR

*Thursday 24 May 2018 11:55 (15 minutes)*

**Presenter:** PELEVANYUK, Igor (Joint Institute for Nuclear Research (RU))

**Session Classification:** Experiment reports

Contribution ID: 26

Type: **not specified**

## Practical Introduction to DIRAC

*Tuesday 22 May 2018 11:20 (30 minutes)*

**Presenter:** STAGNI, Federico (CERN)

**Session Classification:** Welcome, news, farewell

Contribution ID: 27

Type: **not specified**

## Core, framework and Configuration System

*Tuesday 22 May 2018 11:50 (30 minutes)*

**Presenter:** STAGNI, Federico (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 28

Type: **not specified**

## Example of a multi-VO setup

*Tuesday 22 May 2018 15:10 (20 minutes)*

**Presenter:** HAMAR, Vanessa (CC-IN2P3)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 29

Type: **not specified**

## Request Management System

*Wednesday 23 May 2018 13:50 (20 minutes)*

**Presenter:** HAEN, Christophe (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: **30**

Type: **not specified**

## **Example of a single-VO setup**

**Session Classification:** DIRAC developments and devOps

Contribution ID: **31**

Type: **not specified**

## Running on VMs

*Wednesday 23 May 2018 09:25 (20 minutes)*

**Presenter:** MCNAB, Andrew (University of Manchester)

**Session Classification:** DIRAC developments and devOps



Contribution ID: 32

Type: **not specified**

## **Serverless computing endpoint based on AWS container cluster**

*Wednesday 23 May 2018 09:45 (20 minutes)*

**Presenter:** GRZYMKOWSKI, Rafal (IFJ PAN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 33

Type: **not specified**

## Containers and Singularity

*Wednesday 23 May 2018 10:05 (15 minutes)*

**Presenter:** BAUER, Daniela (Imperial College (GB))

**Session Classification:** DIRAC developments and devOps

Contribution ID: 34

Type: **not specified**

## Opportunitistic and HPC Computing Resources

*Wednesday 23 May 2018 10:20 (20 minutes)*

**Presenter:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 35

Type: **not specified**

## **SRM/Xroot/ECHO/GFAL2/...**

*Wednesday 23 May 2018 13:40 (10 minutes)*

**Presenter:** HAEN, Christophe (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 36

Type: **not specified**

## The rise of ElasticSearch

*Wednesday 23 May 2018 11:40 (20 minutes)*

**Presenter:** MATHE, Zoltan (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 37

Type: **not specified**

## **DIRAC Web 4.0**

*Wednesday 23 May 2018 11:20 (20 minutes)*

**Presenter:** MATHE, Zoltan (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: **38**

Type: **not specified**

## Accounting and Monitoring

*Tuesday 22 May 2018 14:30 (20 minutes)*

**Presenter:** MATHE, Zoltan (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 39

Type: **not specified**

## Summary, lessons, and outlook

*Friday 25 May 2018 12:30 (30 minutes)*

**Session Classification:** Welcome, news, farewell



Contribution ID: 40

Type: **not specified**

## DDM efforts in Belle2

*Wednesday 23 May 2018 14:10 (20 minutes)*

**Presenter:** SCHRAM, Malachi (Pacific Northwest National Laboratory)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 41

Type: **not specified**

## Message Queues

*Wednesday 23 May 2018 12:00 (10 minutes)*

**Presenter:** KRZEMIEN, Wojciech Jan (National Centre for Nuclear Research (PL))

**Session Classification:** DIRAC developments and devOps

Contribution ID: 42

Type: **not specified**

## **Productions Management for the experiments**

*Tuesday 22 May 2018 16:30 (1h 30m)*

**Presenters:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France); STAGNI, Federico (CERN); ARRABITO, Luisa

**Session Classification:** DIRAC developments and devOps

Contribution ID: 43

Type: **not specified**

## DIRACOS

*Friday 25 May 2018 09:40 (10 minutes)*

**Presenter:** HAEN, Christophe (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 44

Type: **not specified**

## **DIRAC installations: monitoring and management**

**Presenter:** CLOSIER, Joel (CERN)

**Session Classification:** Hackathons: ops

Contribution ID: 45

Type: **not specified**

## Demo setup

*Thursday 24 May 2018 14:00 (30 minutes)*

**Presenter:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** Hackathons: ops

Contribution ID: 46

Type: **not specified**

## Rucio

*Wednesday 23 May 2018 15:10 (20 minutes)*

**Presenter:** BARISITS, Martin (CERN)

Contribution ID: 47

Type: **not specified**

## **Distributed Data Management in LHCb**

*Wednesday 23 May 2018 14:30 (20 minutes)*

**Presenter:** CHARPENTIER, Philippe (CERN)

**Session Classification:** DIRAC developments and devOps



Contribution ID: 48

Type: **not specified**

## **Distributed Data Management in DIRAC (discussion)**

*Wednesday 23 May 2018 14:50 (20 minutes)*

**Presenter:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 49

Type: **not specified**

## Highly distributed DIRAC installations

**Presenter:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** Experiment reports

Contribution ID: **50**

Type: **not specified**

## **SKA**

*Thursday 24 May 2018 11:40 (15 minutes)*

**Presenter:** Ms JOSHI, Rohini

**Session Classification:** Experiment reports

Contribution ID: 51

Type: **not specified**

## Discussion about documentation

**Presenters:** TSAREGORODTSEV, Andrei (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France); HAEN, Christophe (CERN)

**Session Classification:** Hackathons: ops

Contribution ID: 52

Type: **not specified**

## **Productions Management: discussion on new system**

*Thursday 24 May 2018 12:20 (40 minutes)*

**Presenter:** ARRABITO, Luisa

**Session Classification:** DIRAC developments and devOps

Contribution ID: 53

Type: **not specified**

## **DIRAC installations: monitoring and management**

*Friday 25 May 2018 09:00 (20 minutes)*

**Presenter:** CLOSIER, Joel (CERN)

**Session Classification:** DIRAC developments and devOps

Contribution ID: 54

Type: **not specified**

## Documentation: discussion

*Friday 25 May 2018 09:20 (20 minutes)*

**Presenter:** HAEN, Christophe (CERN)

**Session Classification:** DIRAC developments and devOps