

The 9th DIRAC Users' Workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Coffee

Contribution ID: 2

Type: **not specified**

Core, Framework, and Configuration system

Tuesday 14 May 2019 11:30 (20 minutes)

Presenter: STAGNI, Federico (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 3

Type: **not specified**

WMS and computing resources

Tuesday 14 May 2019 11:50 (25 minutes)

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

Session Classification: DIRAC developments and DevOps

Contribution ID: 4

Type: **not specified**

Welcome and logistics

Tuesday 14 May 2019 10:20 (10 minutes)

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

Session Classification: Welcome, news, farewell

Contribution ID: 5

Type: **not specified**

DIRAC general news

Tuesday 14 May 2019 11:00 (20 minutes)

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

Session Classification: Welcome, news, farewell

Contribution ID: 6

Type: **not specified**

Intro + DIRAC in a nutshell

Tuesday 14 May 2019 10:40 (20 minutes)

Presenter: STAGNI, Federico (CERN)

Session Classification: Welcome, news, farewell

Contribution ID: 7

Type: **not specified**

Data Management

Presenter: HAEN, Christophe (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 8

Type: **not specified**

Distributed data management

(and preparation for tomorrow's tutorial)

Presenters: SAILER, Andre (CERN); STAGNI, Federico (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 9

Type: **not specified**

Transformation System

Tuesday 14 May 2019 14:20 (20 minutes)

Presenter: ARRABITO, Luisa (CC-IN2P3 - Centre de Calcul (FR))

Session Classification: DIRAC developments and DevOps

Contribution ID: **10**

Type: **not specified**

RMS + RSS + SMS

Tuesday 14 May 2019 15:00 (20 minutes)

Presenter: STAGNI, Federico (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: **11**

Type: **not specified**

RAW data registration: LHCb

Wednesday 15 May 2019 14:00 (10 minutes)

Presenter: HAEN, Christophe (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 12

Type: **not specified**

RAW data registration: Belle2

Wednesday 15 May 2019 14:10 (10 minutes)

Presenter: HERNANDEZ VILLANUEVA, Michel (University of Mississippi)

Session Classification: DIRAC developments and DevOps

Contribution ID: **13**

Type: **not specified**

Pilots

Wednesday 15 May 2019 16:15 (25 minutes)

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

Session Classification: DIRAC developments and DevOps

Contribution ID: 14

Type: **not specified**

Matching jobs to computing resources: MPs + GPUs + architectures...

Wednesday 15 May 2019 16:40 (20 minutes)

Presenter: STAGNI, Federico (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 15

Type: **not specified**

Opportunistic and HPC resources

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

Session Classification: DIRAC developments and DevOps

Contribution ID: **16**

Type: **not specified**

DIRACOS

Tuesday 14 May 2019 16:15 (20 minutes)

Presenter: PETRIC, Marko (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 17

Type: **not specified**

On installing, upgrading, distributing and running DIRAC

Tuesday 14 May 2019 16:35 (25 minutes)

- > changes to dirac-install
- > DIRACOS
- > MySQL, ElasticSearch, runit, ...
- > Centralized logging
- > CVMFS
- > containers
- > tips on upgrading

Presenter: MATHE, Zoltan (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: **18**

Type: **not specified**

Documenting DIRAC and VODIRAC

Thursday 16 May 2019 10:30 (30 minutes)

Presenter: SAILER, Andre (CERN)

Contribution ID: 19

Type: **not specified**

Productions Management

Tuesday 14 May 2019 14:40 (20 minutes)

Presenter: ARRABITO, Luisa

Session Classification: DIRAC developments and DevOps

Contribution ID: 20

Type: **not specified**

Resource Status System

Presenter: STAGNI, Federico (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: **21**

Type: **not specified**

Intro to developing in DIRAC

Thursday 16 May 2019 11:30 (30 minutes)

Presenter: STAGNI, Federico (CERN)

Contribution ID: 22

Type: **not specified**

On Authentification, Authorizatio n and Single Sign On

Thursday 16 May 2019 09:00 (30 minutes)

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

Session Classification: DIRAC developments and DevOps

Contribution ID: **23**

Type: **not specified**

EGI check-in

Session Classification: DIRAC developments and DevOps

Contribution ID: 24

Type: **not specified**

SSL and TLS and M2Crypto...

Presenter: HAEN, Christophe (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 25

Type: **not specified**

Development plans

Presenter: STAGNI, Federico (CERN)

Contribution ID: 26

Type: **not specified**

Web, Monitoring and Accounting in DIRAC

Tuesday 14 May 2019 14:00 (20 minutes)

Presenter: MATHE, Zoltan (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 27

Type: **not specified**

Belle2 plans to use Rucio for data management

Wednesday 15 May 2019 14:40 (20 minutes)

Presenter: LAYCOCK, Paul James (Brookhaven National Laboratory (US))

Session Classification: DIRAC developments and DevOps

Contribution ID: **28**

Type: **not specified**

Belle2

Thursday 16 May 2019 12:15 (15 minutes)

Presenter: MIYAKE, Hideki (KEK)

Session Classification: Experiments' reports

Contribution ID: 29

Type: **not specified**

LHCb

Thursday 16 May 2019 12:30 (15 minutes)

Presenter: ROMANOVSKIY, Vladimir (Institute for High Energy Physics of NRC Kurchatov Institute (R))

Session Classification: Experiments' reports

Contribution ID: **30**

Type: **not specified**

CTA

Thursday 16 May 2019 14:15 (15 minutes)

Presenter: ARRABITO, Luisa

Session Classification: Experiments' reports

Contribution ID: **31**

Type: **not specified**

Multi-VO DIRAC with multi-VO Rucio

Wednesday 15 May 2019 15:00 (20 minutes)

Presenter: ANDREW, Lister

Session Classification: DIRAC developments and DevOps

Contribution ID: **32**

Type: **not specified**

CLIC

Thursday 16 May 2019 14:00 (15 minutes)

Presenter: SAILER, Andre (CERN)

Session Classification: Experiments' reports

Contribution ID: **33**

Type: **not specified**

BES3, Juno

Thursday 16 May 2019 14:30 (15 minutes)

Presenter: ZHANG, Xiaomei (Chinese Academy of Sciences (CN))

Session Classification: Experiments' reports

Contribution ID: **34**

Type: **not specified**

Eiscat 3D

Thursday 16 May 2019 14:45 (15 minutes)

Presenter: ENELL, Carl-Fredrik

Session Classification: Experiments' reports

Contribution ID: 35

Type: **not specified**

Virgo

Presenter: CASAJUS RAMO, Adrian (University of Barcelona (ES))

Session Classification: Experiments' reports

Contribution ID: **36**

Type: **not specified**

DIRAC@PNNL

Thursday 16 May 2019 16:15 (15 minutes)

Presenter: THOMAS, Mathew (PNNL)

Session Classification: Experiments' reports

Contribution ID: 37

Type: **not specified**

Development plans

Thursday 16 May 2019 09:30 (30 minutes)

Presenter: STAGNI, Federico (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: **38**

Type: **not specified**

GridPP

Thursday 16 May 2019 12:00 (15 minutes)

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

Session Classification: Experiments' reports

Contribution ID: **39**

Type: **not specified**

JINR

Thursday 16 May 2019 15:00 (15 minutes)

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

Session Classification: Experiments' reports

Contribution ID: 40

Type: **not specified**

CNAF services

Thursday 16 May 2019 16:45 (15 minutes)

Presenter: VILACA PINHEIRO SOARES, Marcelo (Istituto Nazionale di Fisica Nucleare - INFN - CNAF)

Session Classification: Experiments' reports

Contribution ID: 41

Type: **not specified**

Welcome to London/Imperial

Tuesday 14 May 2019 10:30 (10 minutes)

Welcome by the head of the HEP group

Presenter: Prof. DAUNCEY, Paul (Imperial College London)

Session Classification: Welcome, news, farewell

Contribution ID: 42

Type: **not specified**

Data Management concepts and capabilities

Tuesday 14 May 2019 12:15 (20 minutes)

Presenter: HAEN, Christophe (CERN)

Session Classification: DIRAC developments and DevOps

Contribution ID: 43

Type: **not specified**

Auger

Thursday 16 May 2019 16:30 (15 minutes)

Presenters: CHUDOBA, Jiri (Acad. of Sciences of the Czech Rep. (CZ)); CHUDOBA, Jiri (Acad. of Sciences of the Czech Rep. (CZ))

Session Classification: Experiments' reports

Contribution ID: 44

Type: **not specified**

Tutorial Introduction

Wednesday 15 May 2019 09:00 (20 minutes)

Session Classification: Tutorial: User (and production) Jobs