

**Big Data processing and
analysis challenges in
mega-science experiments**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Thursday 29 January 2015 11:50 (5 minutes)

Session Classification: BigPanDA

Contribution ID: 1

Type: **not specified**

webFTS highlights

Thursday 29 January 2015 11:55 (10 minutes)

Presenters: Mr KIRYANOV, Andrey (B.P. Konstantinov Petersburg Nuclear Physics Institute - PNPI); Dr SCHULZ, Markus (CERN); KEEBLE, Oliver (CERN)

Session Classification: BigPanDA

Contribution ID: 2

Type: **not specified**

Database session highlights

Thursday 29 January 2015 12:05 (10 minutes)

Presenters: DIMITROV, Gancho (CERN); Dr GRIGORIEVA, Maria (NRC KI); Ms GOLOSOVA, Marina (NRC KI); Dr LASSNIG, Mario (CERN)

Session Classification: BigPanDA

Contribution ID: 3

Type: **not specified**

PanDA session highlights

Thursday 29 January 2015 12:15 (10 minutes)

Presenters: OLEYNIK, Danila (Joint Inst. for Nuclear Research (RU)); DE, Kaushik (University of Texas at Arlington (US)); MASHINISTOV, Ruslan (Russian Academy of Sciences (RU))

Session Classification: BigPanDA

Contribution ID: 4

Type: **not specified**

PanDA HPC pilot

Thursday 29 January 2015 12:25 (20 minutes)

Presenters: OLEYNIK, Danila (Joint Inst. for Nuclear Research (RU)); Prof. JHA, Shantenu (Rutgers U)

Session Classification: BigPanDA

Contribution ID: 5

Type: **not specified**

webFTS integration with PanDA

Thursday 29 January 2015 12:45 (45 minutes)

Presenters: Mr KIRYANOV, Andrey (B.P. Konstantinov Petersburg Nuclear Physics Institute - PNPI ()); OLEYNIK, Danila (Joint Inst. for Nuclear Research (RU)); DE, Kaushik (University of Texas at Arlington (US)); KEEBLE, Oliver (CERN)

Session Classification: BigPanDA

Contribution ID: 6

Type: **not specified**

Introduction: current status of FTS3/WebFTS

Thursday 29 January 2015 10:00 (10 minutes)

Presenter: KEEBLE, Oliver (CERN)

Session Classification: webFTS

Contribution ID: 7

Type: **not specified**

FTS readiness for transfers to/from non-Grid resources (VOMS/non-VOMS credentials, etc.)

Thursday 29 January 2015 10:10 (10 minutes)

Session Classification: webFTS

Contribution ID: 8

Type: **not specified**

Impact of Federated Identity support in WebFTS for non-Grid users

Thursday 29 January 2015 10:20 (10 minutes)

Session Classification: webFTS

Contribution ID: 9

Type: **not specified**

FTS & HPC: old/new APIs, lightweight clients, Python client library for PanDA integration

Thursday 29 January 2015 10:30 (10 minutes)

Session Classification: webFTS

Contribution ID: **10**

Type: **not specified**

Usage scenario for Titan: requirements from both sides

Thursday 29 January 2015 10:40 (10 minutes)

Presenters: Mr KIRYANOV, Andrey (B.P. Konstantinov Petersburg Nuclear Physics Institute - PNPI
()); OLEYNIK, Danila (Joint Inst. for Nuclear Research (RU))

Session Classification: webFTS

Contribution ID: **11**

Type: **not specified**

Feature requests for FTS/WebFTS

Thursday 29 January 2015 10:50 (10 minutes)

Session Classification: webFTS

Contribution ID: 12

Type: **not specified**

PanDA @ NRC-KI

Thursday 29 January 2015 10:00 (50 minutes)

PanDA instance installation and commissioning status

PanDA for ATLAS

PanDA beyond LHC and HEP

Presenter: MASHINISTOV, Ruslan (Russian Academy of Sciences (RU))

Session Classification: PanDA@NRC-KI

Contribution ID: 13

Type: **not specified**

PanDA for ATLAS

Presenter: MASHINISTOV, Ruslan (Russian Academy of Sciences (RU))

Contribution ID: 14

Type: **not specified**

PanDA beyond LHC and HEP

Presenter: MASHINISTOV, Ruslan (Russian Academy of Sciences (RU))

Contribution ID: 15

Type: **not specified**

Discussion

Thursday 29 January 2015 10:50 (40 minutes)

PanDA beyond ATLAS : ALICE

Do we need version w/o VOMS, Grid Services...

Do we need Light weight DDM

Staging and I/O matters

Session Classification: PanDA@NRC-KI

Contribution ID: 16

Type: **not specified**

"PanDA, A New Paradigm for Computing in HEP"

Thursday 29 January 2015 14:30 (40 minutes)

Presenter: DE, Kaushik (University of Texas at Arlington (US))

Session Classification: Nano-,bio-,information and cognitive technologies Institute seminar

Contribution ID: 17

Type: **not specified**

CERN and Computing

Thursday 29 January 2015 15:10 (40 minutes)

Presenter: PACE, Alberto (CERN)

Session Classification: Nano-,bio-,information and cognitive technologies Institute seminar

Contribution ID: **18**

Type: **not specified**

Welcome from Prof.N.Rusakovich, JINR Chief Scientific Secretary

Friday 30 January 2015 10:00 (15 minutes)

Contribution ID: **19**

Type: **not specified**

Presentation of the heterogeneous cluster of LIT

Friday 30 January 2015 16:35 (20 minutes)

Presenter: Dr D.PODGAINY (JINR)

Contribution ID: 20

Type: **not specified**

NICA mega-project

Friday 30 January 2015 10:15 (20 minutes)

Presenter: Prof. O.ROHACHEVSKY (JINR)

Session Classification: Modeling in mega-projects

Contribution ID: 21

Type: **not specified**

Modeling of grid-cloud systems

Friday 30 January 2015 10:35 (25 minutes)

Presenter: Prof. OSOSKOV, Gennady (JINR)

Session Classification: Modeling in mega-projects

Contribution ID: 22

Type: **not specified**

IPPI RAS presentation

Contribution ID: 23

Type: **not specified**

Project overview : Growing PanDA ecosystem, PanDA beyond ATLAS, prospects for ALICE, COMPASS, NICA.

Friday 30 January 2015 11:25 (19 minutes)

Presenter: DE, Kaushik (University of Texas at Arlington (US))

Session Classification: BigPanDA project

Contribution ID: 24

Type: **not specified**

Towards an Abstractions-driven and Standards-based Next-generation of Distributed Cyberinfrastructure

Friday 30 January 2015 11:40 (20 minutes)

Presenter: Prof. JHA, Shantenu (Rutgers University)

Session Classification: BigPanDA project

Contribution ID: 25

Type: **not specified**

Network awareness

Friday 30 January 2015 12:05 (20 minutes)

Presenter: PETROSYAN, Artem (Joint Inst. for Nuclear Research (RU))

Session Classification: BigPanDA project

Contribution ID: 26

Type: **not specified**

webFTS and FTS3

Friday 30 January 2015 12:25 (20 minutes)

Presenter: KEEBLE, Oliver (CERN)

Session Classification: Technology trends

Contribution ID: 27

Type: **not specified**

EOS

Friday 30 January 2015 12:45 (20 minutes)

Presenters: PACE, Alberto (CERN); LAMANNA, Massimo (CERN)

Session Classification: Technology trends

Contribution ID: **28**

Type: **not specified**

ORACLE and Hadoop/HBASE in ATLAS

Friday 30 January 2015 13:05 (35 minutes)

Presenters: DIMITROV, Gancho (CERN); Dr LASSNIG, Mario (CERN)

Session Classification: Technology trends

Contribution ID: 29

Type: **not specified**

NoSQL for the storage of monitoring data:

Friday 30 January 2015 15:00 (15 minutes)

Presenter: KADOCHNIKOV, Ivan (Joint Inst. for Nuclear Research (RU))

Session Classification: Monitoring

Contribution ID: **30**

Type: **not specified**

Monitoring in DIRAC environment for the BES3 experiment

Friday 30 January 2015 15:15 (15 minutes)

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

Session Classification: Monitoring

Contribution ID: **31**

Type: **not specified**

ASGC TW Tier-1

Friday 30 January 2015 15:30 (20 minutes)

Presenter: LIN, Simon (Academia Sinica (TW))

Session Classification: Reports on Tier1

Contribution ID: **32**

Type: **not specified**

NRC KI RF Tier-1

Friday 30 January 2015 15:50 (15 minutes)

Presenter: Dr VELIKHOV, Vassily (NRC KI)

Session Classification: Reports on Tier1

Contribution ID: **33**

Type: **not specified**

JINR Tier-1

Friday 30 January 2015 16:05 (15 minutes)

Presenter: Dr STRIZH, Tatiana (JINR)

Session Classification: Reports on Tier1

Contribution ID: **34**

Type: **not specified**

CLAVIRE Highlights

Friday 30 January 2015 13:40 (20 minutes)

Presenters: Prof. BOUKHANOVSKY, Alexander (ITMO); Dr NASONOV, Denis (ITMO)

Session Classification: Technology trends

Contribution ID: 35

Type: **not specified**

CLAVIRE/PANDA/AIMS splinter meeting

Contribution ID: **36**

Type: **not specified**

Distributed Modeling splinter meeting

Saturday 31 January 2015 09:30 (1h 40m)

Session Classification: Technical splinter meetings