

CERN Openlab Workshop on Data Analytics Use Cases

Report of Contributions

Contribution ID: 0

Type: **not specified**

Openlab and Data Analytics Challenges: Present and Future

Wednesday, November 20, 2013 9:00 AM (15 minutes)

Presenters: Dr DI MEGLIO, Alberto (CERN); MARTIN MARQUEZ, Manuel (CERN); Mr RUSSO, Stefano Alberto (CERN)

Session Classification: Data Analytics Use Cases

Contribution ID: 1

Type: **not specified**

Introduction to Complex Event Processing (CEP) with Esper

Wednesday, November 20, 2013 9:15 AM (15 minutes)

Presenter: MAGNONI, Luca (CERN)

Session Classification: Data Analytics Use Cases

Contribution ID: 2

Type: **not specified**

Intelligent monitoring and real-time analytics for ATLAS-TDAQ: a CEP-based solution

Wednesday, November 20, 2013 9:45 AM (15 minutes)

Presenter: ANDERS, Gabriel (CERN)

Session Classification: Data Analytics Use Cases

Contribution ID: 3

Type: **not specified**

Surveillance of CERN Accelerator Logging Processes with CEP and Esper

Wednesday, November 20, 2013 9:30 AM (15 minutes)

http://prezi.com/rfxiq4vxbx_v/surveillance-of-cern-accelerator-logging-processes

Presenter: BURDZANOWSKI, Lukasz (CERN)

Session Classification: Data Analytics Use Cases

Contribution ID: 4

Type: **not specified**

Useful correlations in the CASTOR monitoring data

Presenter: Mr RUSSO, Stefano Alberto (CERN)

Contribution ID: 5

Type: **not specified**

Control System Data Analysis Current Issues and Solution

Wednesday, November 20, 2013 10:00 AM (15 minutes)

Presenters: Mr VOITIER, Axel (CERN); TILARO, Filippo Maria (CERN); GONZALEZ BERGES, Manuel (CERN)

Session Classification: Data Analytics Use Cases

Contribution ID: 6

Type: **not specified**

Predictive monitoring (On Progress)

Presenter: GUTLEBER, Johannes (CERN)

Contribution ID: 7

Type: **not specified**

Simplifying Accelerator Data Analysis

Wednesday, November 20, 2013 10:30 AM (15 minutes)

Presenter: RODERICK, Chris (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: 8

Type: **not specified**

The ATLAS distributed data management: Data analytic use cases & experiences

Wednesday, November 20, 2013 10:45 AM (15 minutes)

Presenter: GARONNE, Vincent (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: 9

Type: **not specified**

Intelligent data placement models for the CMS experiment

Wednesday, November 20, 2013 11:00 AM (15 minutes)

Presenter: Dr GIORDANO, Domenico (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: **10**

Type: **not specified**

Control System Data Analysis Future Vision

Wednesday, November 20, 2013 12:00 PM (15 minutes)

Presenters: Mr VOITIER, Axel (CERN); TILARO, Filippo Maria (CERN); GONZALEZ BERGES, Manuel (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: 11

Type: **not specified**

Data Analytics in CASTOR

Wednesday, November 20, 2013 11:45 AM (15 minutes)

Presenters: LAMANNA, Massimo (CERN); PONCE, Sebastien (CERN); Mr RUSSO, Stefano Alberto (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: 12

Type: **not specified**

Data analytics in Network Monitoring

Wednesday, November 20, 2013 11:30 AM (15 minutes)

Presenter: Dr CAMPANA, Simone (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: 13

Type: **not specified**

Analytics in IT Monitoring

Wednesday, November 20, 2013 11:15 AM (15 minutes)

Presenters: COELHO DOS SANTOS, Miguel (CERN); ANDRADE, Pedro (CERN)

Session Classification: Data Analytics: Future Challenges

Contribution ID: 14

Type: **not specified**

Hadoop as foundation for scientific data analytics

Wednesday, November 20, 2013 2:00 PM (30 minutes)

<http://hadoop.intel.com/videos/surfing-big-data-with-intel-distribution>

<http://hadoop.intel.com/videos/intel-distribution-pecan-street>

Presenter: Dr BERNARD DOERING (Intel)

Session Classification: Data Analytics: Ideas from Software Vendors

Contribution ID: 15

Type: **not specified**

Analytics technology and architecture to manage velocity and variety, discover relationships and classify huge amount of data

Wednesday, November 20, 2013 2:30 PM (30 minutes)

Presenter: Dr MAURIZIO SALUSTI (SAS)

Session Classification: Data Analytics: Ideas from Software Vendors

Contribution ID: 16

Type: **not specified**

An efficient platform for sensor data storage and manipulation

Wednesday, November 20, 2013 3:15 PM (30 minutes)

Presenter: Dr MATHIAS HERBERTS (Cityzen Data)

Session Classification: Data Analytics: Ideas from Software Vendors