CERN openlab workshop on Machine Learning and Data Analytics

Report of Contributions

Contribution ID: **1** Type: **not specified**

Welcome and Workshop Goals

Thursday 27 April 2017 09:30 (5 minutes)

Contribution ID: **2** Type: **not specified**

Machine Learning in Simulation

Thursday 27 April 2017 11:10 (20 minutes)

Presenter: Dr VALLECORSA, Sofia (Gangneung-Wonju National University (KR))

Contribution ID: **3**   Type: **not specified**

Machine Learning in Reconstruction

Thursday 27 April 2017 13:50 (30 minutes)

Presenter: PIERINI, Maurizio (CERN)

Contribution ID: 4   Type: **not specified**

Deep Learning In low signal/background environments

Thursday 27 April 2017 14:20 (20 minutes)

Presenter: FLORIS, Michele (CERN)

Contribution ID: **5**   Type: **not specified**

Machine Learning in Root

Thursday 27 April 2017 11:30 (15 minutes)

Presenter: MONETA, Lorenzo (CERN)

Contribution ID: **6** Type: **not specified**

Discussion and Feedback from Industry

Contribution ID: **7**   Type: **not specified**

Discussion and Feedback from Industry

Thursday 27 April 2017 10:25 (25 minutes)

Contribution ID: **8** Type: **not specified**

Lunch break

Contribution ID: **9** Type: **not specified**

Machine Learning in Data Quality Monitoring

Thursday 27 April 2017 09:55 (15 minutes)

Presenter: AZZOLINI, Virginia (Massachusetts Inst. of Technology (US))

Contribution ID: **10**   Type: **not specified**

Anomaly Detection and Preemptive Maintenance in Industrial Control Systems

Thursday 27 April 2017 09:35 (20 minutes)

Presenter: TILARO, Filippo Maria (CERN)

Contribution ID: **11**   Type: **not specified**

Machine Learning and Event Classification in trigger

Thursday 27 April 2017 13:30 (20 minutes)

Presenter: GLIGOROV, Vladimir (Centre National de la Recherche Scientifique (FR))

Contribution ID: **12**　　　　　　　　　　　　　　Type: **not specified**

Analytics for Infrastructure Optimisations

Thursday 27 April 2017 10:10 (15 minutes)

Presenter: DUELLMANN, Dirk (CERN)

Contribution ID: 13   Type: **not specified**

Discussion and Feedback from Industry

Thursday 27 April 2017 16:20 (20 minutes)

Contribution ID: **14** Type: **not specified**

Requirements on hardware

Contribution ID: **15**   Type: **not specified**

IT-DB Data Analytics services and evolution

Thursday 27 April 2017 16:05 (15 minutes)

Presenter: CANALI, Luca (CERN)

Contribution ID: **16** Type: **not specified**

Machine Learning for event reconstruction in LArTPC

Contribution ID: **17**   Type: **not specified**

Discussion and Feedback from industry

Thursday 27 April 2017 14:40 (35 minutes)

Contribution ID: **18** Type: **not specified**

Machine Learning in Medical Applications

Thursday 27 April 2017 15:50 (15 minutes)

Presenter: MANCA, Marco (SCimPULSE foundation (NL))

Contribution ID: **19**   Type: **not specified**

Data Analytics in Physics Data Reduction

Thursday 27 April 2017 15:35 (15 minutes)

Presenter: GUTSCHE, Oliver (Fermi National Accelerator Lab. (US))

Contribution ID: **20**   Type: **not specified**

Discussion and Feedback from Industry

Thursday 27 April 2017 11:45 (40 minutes)

Contribution ID: **21**   Type: **not specified**

Machine leaning techniques for physics object identification

Contribution ID: **22**   Type: **not specified**

Vidyo set up

Contribution ID: **23**   Type: **not specified**

Discussion and Feedback from industry