Session Program

Jan 22 – 23, 2020

CERN openlab Technical Workshop

Computing Architectures for ML, Data Acquisition and Data Processing

CERN, 503/1-001 - Council Chamber

Wed, January 22

1:45 PM

Computing Architectures for ML, Data Acquisition and Data Processing: Part 2

Session | **Location:** CERN, 503/1-001 - Council Chamber

1:45 – 2:00 PM **Deep Learning use cases in CMS**

Speaker
Maurizio Pierini

2:00 – 2:15 PM **The LHCb Allen project**

Speaker
Vladimir Gligorov

2:15 – 2:30 PM **The CMS Heterogeneus Computing Revolution**

Speakers
Dr Andrea Bocci, Felice Pantaleo

2:30 – 2:45 PM
Exploiting Modular HPC in the context of DEEP-EST and ATTRACT projects

Speaker
Viktor Khristenko

2:45 – 3:00 PM **HEP Workflows as Benchmarks of computing architectures**

Speaker
Domenico Giordano

3:00 – 3:15 PM **Deep Learning in ROOT using GPU**

Speaker
Lorenzo Moneta

3:15 – 3:30 PM
Caching and Processing Wide, Dense, Jagged HEP Data in Apache Spark with Laurelin and Coffea

Speaker
Andrew Malone Melo

3:30 PM