

# **ROOT I/O Workshop And Upcoming Development.**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Introduction and Expectations

*Wednesday 20 June 2018 09:00 (15 minutes)*

## Summary

**Primary author:** CANAL, Philippe (Fermi National Accelerator Lab. (US))

**Co-author:** PIPARO, Danilo (CERN)

**Presenters:** PIPARO, Danilo (CERN); CANAL, Philippe (Fermi National Accelerator Lab. (US))

Contribution ID: 1

Type: **not specified**

## ROOT I/O Status and Ideas

*Wednesday 20 June 2018 09:15 (30 minutes)*

### Summary

**Primary author:** CANAL, Philippe (Fermi National Accelerator Lab. (US))

**Co-author:** PIPARO, Danilo (CERN)

**Presenters:** PIPARO, Danilo (CERN); CANAL, Philippe (Fermi National Accelerator Lab. (US))

Contribution ID: 2

Type: **not specified**

## **CMS and ROOT I/O**

*Wednesday 20 June 2018 14:30 (30 minutes)*

**Presenter:** RILEY, Daniel Sherman (Cornell University (US))

Contribution ID: 3

Type: **not specified**

## **ATLAS and ROOT I/O**

*Wednesday 20 June 2018 09:45 (30 minutes)*

**Presenter:** NOWAK, Marcin (Brookhaven National Laboratory (US))

Contribution ID: 4

Type: **not specified**

## **ALICE, ROOT I/O and Run 3**

*Wednesday 20 June 2018 11:45 (30 minutes)*

### **Summary**

**Presenter:** EULISSE, Giulio (CERN)

Contribution ID: 5

Type: **not specified**

## TTree Bulk I/O

### Summary

**Presenter:** BOCKELMAN, Brian Paul (University of Nebraska-Lincoln (US))

Contribution ID: 6

Type: **not specified**

## **ATLAS I/O Performance [measurements]**

*Wednesday 20 June 2018 15:10 (30 minutes)*

### **Summary**

**Presenter:** ERRENST, Martin (Bergische Universitaet Wuppertal (DE))



Contribution ID: 7

Type: **not specified**

# The Swiss Army Knife for Datasets Manipulation and Analysis

*Wednesday 20 June 2018 10:45 (30 minutes)*

## Summary

**Primary authors:** PIPARO, Danilo (CERN); GUIRAUD, Enrico (CERN, University of Oldenburg (DE))

**Presenters:** PIPARO, Danilo (CERN); TEJEDOR SAAVEDRA, Enric (CERN); GUIRAUD, Enrico (CERN, University of Oldenburg (DE)); AMADIO, Guilherme (CERN)

Contribution ID: 8

Type: **not specified**

## **TBufferMerger Performance Benchmarks Revisited**

*Wednesday 20 June 2018 11:15 (30 minutes)*

### **Summary**

**Primary author:** AMADIO, Guilherme (CERN)

**Presenters:** PIPARO, Danilo (CERN); AMADIO, Guilherme (CERN)

Contribution ID: 9

Type: **not specified**

**TBA**

Contribution ID: **10**

Type: **not specified**

## **Persistency Issues for LHCb Run III**

*Wednesday 20 June 2018 14:00 (30 minutes)*

### **Summary**

**Presenter:** FRANK, Markus (CERN)

Contribution ID: 11

Type: **not specified**

## **ROOT Columnar Storage Evolution**

*Wednesday 20 June 2018 15:40 (20 minutes)*

**Presenter:** BLOMER, Jakob (CERN)

Contribution ID: 12

Type: **not specified**

## I/O Dinner: Cafe de La Limite - See details for directions!

*Wednesday 20 June 2018 20:00 (20 minutes)*

The ROOT I/O Workshop Dinner will take place at 20:00 at the “Cafe’ de la Limite”, rue des Charmilles 11, Geneva.

The restaurant is easily reachable with the tram 18 (which stops right in front of CERN) and a short walk: [directions here](#)

**WARNING** Due to some road works, a Bus, number 18, is serving CERN rather than the tram. You’ll need to take the bus 18 and then change at stop Blandonnet for the tram.

**Bring some Swiss Francs and change**



### Summary