

ROOT I/O Workshop And Future Plans

Report of Contributions

Contribution ID: 0

Type: **not specified**

ROOT I/O Workshop Introduction

Monday, June 12, 2017 9:00 AM (15 minutes)

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

Presenter: CANAL, Philippe (Fermi National Accelerator Lab. (US))

Contribution ID: 1

Type: **not specified**

ROOT I/O Status and Ideas

Monday, June 12, 2017 9:15 AM (30 minutes)

Presenter: CANAL, Philippe (Fermi National Accelerator Lab. (US))

Contribution ID: 2

Type: **not specified**

CMS and ROOT I/O

Monday, June 12, 2017 3:20 PM (30 minutes)

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

Contribution ID: 3

Type: **not specified**

ATLAS and ROOT I/O

Monday, June 12, 2017 9:45 AM (30 minutes)

Presenters: Dr VAN GEMMEREN, Peter (Argonne National Laboratory (US)); BHIMJI, Wahid (University of Edinburgh (GB))

Contribution ID: 4

Type: **not specified**

ALICE experience with ROOT I/O

Monday, June 12, 2017 2:00 PM (20 minutes)

Presenter: WENZEL, Sandro Christian (CERN)

Contribution ID: 5

Type: **not specified**

TTree Bulk I/O

Monday, June 12, 2017 10:45 AM (30 minutes)

Summary

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

Contribution ID: 6

Type: **not specified**

Parallel Unzipping

Monday, June 12, 2017 3:00 PM (20 minutes)

Primary author: ZHANG, Zhe

Co-author: BOCKELMAN, Brian Paul (University of Nebraska-Lincoln (US))

Presenter: ZHANG, Zhe

Contribution ID: 7

Type: **not specified**

TDataFrame

Monday, June 12, 2017 11:15 AM (30 minutes)

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**

In process TTree Parallel Merge

Monday, June 12, 2017 11:45 AM (25 minutes)

Primary author: AMADIO, Guilherme (CERN)

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

Contribution ID: 9

Type: **not specified**

Compression using on-chip hardware.

Monday, June 12, 2017 2:40 PM (20 minutes)

Presenter: ABDURACHMANOV, David (University of Nebraska-Lincoln (US))

Contribution ID: **10**

Type: **not specified**

LHCb experience with ROOT I/O (tentative)

Monday, June 12, 2017 2:20 PM (20 minutes)