

CHEP Rehearsals 2023

Report of Contributions

Contribution ID: 6

Type: **not specified**

CernVM-FS at Extreme Scales

Thursday, 27 April 2023 16:00 (30 minutes)

Presenter: PROMBERGER, Laura (CERN)

Session Classification: Thursday session

Contribution ID: 7

Type: **not specified**

AdePT

Tuesday, 2 May 2023 16:00 (30 minutes)

Presenter: GHEATA, Andrei (CERN)

Session Classification: Tuesday Session

Contribution ID: 8

Type: **not specified**

New Geometry Model

Tuesday, 2 May 2023 16:30 (30 minutes)

Presenter: GHEATA, Andrei (CERN)

Session Classification: Tuesday Session

Contribution ID: 9

Type: **not specified**

Transformers for Generalized Fast Shower Simulation

Thursday, 4 May 2023 10:00 (30 minutes)

Presenter: RAIKWAR, Piyush (CERN)

Session Classification: Morning

Contribution ID: **10**

Type: **not specified**

ROOT's RNTuple I/O Subsystem: The Path to Production

Tuesday, 2 May 2023 15:30 (30 minutes)

Presenter: BLOMER, Jakob (CERN)

Session Classification: Tuesday Session

Contribution ID: 11

Type: **not specified**

Integration of RNTuple in ATLAS Athena

Wednesday, 3 May 2023 14:30 (30 minutes)

Presenter: DE GEUS, Florine (University of Amsterdam (NL))

Session Classification: Wednesday Session

Contribution ID: 12

Type: **not specified**

Storing LHC Data in Amazon S3 and Intel DAOS through RNTuple

Thursday, 4 May 2023 11:00 (30 minutes)

Presenter: LAZZARI MIOTTO, Giovanna (Universidade Federal Do Rio Grande Do Sul (BR))

Session Classification: Morning

Contribution ID: 13

Type: **not specified**

Polyglot Jet Finding

Wednesday, 3 May 2023 16:00 (30 minutes)

Presenter: Dr STEWART, Graeme A (CERN)

Session Classification: Wednesday Session

Contribution ID: 14

Type: **not specified**

First implementation and results of the Analysis Grand Challenge with a fully Pythonic RDataFrame

Wednesday, 3 May 2023 17:30 (30 minutes)

Presenter: PADULANO, Vincenzo Eduardo (Valencia Polytechnic University (ES))

Session Classification: Wednesday Session

Contribution ID: 15

Type: **not specified**

New developments in Minuit2

Wednesday, 3 May 2023 15:00 (30 minutes)

Presenter: MONETA, Lorenzo (CERN)

Session Classification: Wednesday Session

Contribution ID: 16

Type: **not specified**

New developments of TMVA/SOFIE: Code Generation and Fast Inference for Graph Neural Networks

Thursday, 4 May 2023 10:30 (30 minutes)

Presenter: MONETA, Lorenzo (CERN)

Session Classification: Morning

Contribution ID: 17

Type: **not specified**

ML-based Tuning of RNTuple I/O Parameters

Wednesday, 3 May 2023 10:00 (30 minutes)

Presenter: NIEWENHUIS, Dante (Nikhef National institute for subatomic physics (NL))

Session Classification: Wednesday Session

Contribution ID: **18**

Type: **not specified**

Batch Generator for training Machine Learning models from ROOT datasets

Wednesday, 3 May 2023 11:30 (30 minutes)

Presenter: NIEWENHUIS, Dante (Nikhef National institute for subatomic physics (NL))

Session Classification: Wednesday Session

Contribution ID: 19

Type: **not specified**

RooFit's new heterogeneous computing backend

Wednesday, 3 May 2023 11:00 (30 minutes)

Presenter: REMBSER, Jonas (CERN)

Session Classification: Wednesday Session