

CHEP Rehearsals 2018

Report of Contributions

Contribution ID: 1

Type: **not specified**

Towards a Serverless CernVM-FS

Tuesday 3 July 2018 09:00 (45 minutes)

<https://indico.cern.ch/event/587955/contributions/3012720/>

Presenter: BLOMER, Jakob (CERN)

Session Classification: Session 3

Contribution ID: 2

Type: **not specified**

Extending ROOT through Modules

Tuesday 3 July 2018 14:45 (45 minutes)

Presenter: SHADURA, Oksana (University of Nebraska Lincoln (US))

Session Classification: Session 4

Contribution ID: 3

Type: **not specified**

RDataFrame: Easy Parallel ROOT Analysis at 100 Threads

Tuesday 3 July 2018 15:30 (45 minutes)

Presenter: GUIRAUD, Enrico (CERN, University of Oldenburg (DE))

Session Classification: Session 4

Contribution ID: 7

Type: **not specified**

Robust Linux Binaries

Tuesday 3 July 2018 14:00 (45 minutes)

Presenter: AMADIO, Guilherme (CERN)

Session Classification: Session 4

Contribution ID: **10**

Type: **not specified**

Beautiful, simple and remote ROOT graphics and GUI

Tuesday 3 July 2018 17:00 (30 minutes)

<https://indico.cern.ch/event/587955/contributions/2938011/>

Presenter: LINEV, Serguei (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Session Classification: Session 4

Contribution ID: **11**

Type: **not specified**

PyROOT (PyHEP)

Tuesday 3 July 2018 10:30 (45 minutes)

Presenter: TEJEDOR SAAVEDRA, Enric (CERN)

Session Classification: Session 3

Contribution ID: **12**

Type: **not specified**

SWAN's New Developments

Tuesday 3 July 2018 11:15 (30 minutes)

Presenter: TEJEDOR SAAVEDRA, Enric (CERN)

Session Classification: Session 3

Contribution ID: **13**

Type: **not specified**

A Distribution Vector for the HEP Analysis Ecosystem

Tuesday 3 July 2018 11:45 (45 minutes)

Presenter: PIPARO, Danilo (CERN)

Session Classification: Session 3

Contribution ID: 15

Type: **not specified**

Towards a responsive CernVM-FS architecture

Monday 2 July 2018 10:00 (30 minutes)

Feedback on the poster:

<https://indico.cern.ch/event/587955/contributions/2937405/>

Presenter: POPESCU, Radu (CERN)

Session Classification: Session 2

Contribution ID: 17

Type: **not specified**

Bulding, testing and distributing common software for the LHC experiments

Friday 29 June 2018 10:00 (30 minutes)

Presenter: MENDEZ LORENZO, Patricia (CERN)

Session Classification: Session 1

Contribution ID: **18**

Type: **not specified**

New Machine Learning Developments in ROOT/TMVA

Monday 2 July 2018 10:45 (30 minutes)

Presenter: ALBERTSSON, Kim (Lulea University of Technology (SE))

Session Classification: Session 2

Contribution ID: **19**

Type: **not specified**

Writing ROOT Data in Parallel with TBufferMerger

Monday 2 July 2018 11:15 (30 minutes)

Presenter: AMADIO, Guilherme (CERN)

Session Classification: Session 2

Contribution ID: 20

Type: **not specified**

Oksana: Continuous Performance Benchmarking Framework for ROOT (poster)

Wednesday 4 July 2018 16:00 (30 minutes)

Session Classification: Session 1

Contribution ID: 21

Type: **not specified**

Optimizing Frameworks' Performance Using C++ Modules-Aware ROOT (poster)

Wednesday 4 July 2018 16:30 (30 minutes)

Presenter: TAKAHASHI, Yuka (University of Cincinnati (US))

Session Classification: Session 1

Contribution ID: **22**

Type: **not specified**

Axel

Wednesday 4 July 2018 17:00 (30 minutes)

Session Classification: Session 1

Contribution ID: 23

Type: **not specified**

Vectorization of ROOT Mathematical Libraries

Wednesday 4 July 2018 17:30 (30 minutes)

Presenter: MONETA, Lorenzo (CERN)

Session Classification: Session 1

Contribution ID: 24

Type: **not specified**

VecGeom

Friday 29 June 2018 09:00 (30 minutes)

Presenter: GHEATA, Mihaela (Institute of Space Science (RO))

Session Classification: Session 1

Contribution ID: 25

Type: **not specified**

Towards full electromagnetic physics vectorization in the GeantV transport framework

Wednesday 4 July 2018 15:30 (30 minutes)

Presenter: BANDIERAMONTE, Marilena (CERN)

Session Classification: Session 1

Contribution ID: 26

Type: **not specified**

GeantV

Tuesday 3 July 2018 16:15 (45 minutes)

Presenter: GHEATA, Andrei (CERN)

Session Classification: Session 4

Contribution ID: 27

Type: **not specified**

Support Future Data Analysis with a Parallelised ROOT

Tuesday 3 July 2018 09:45 (45 minutes)

Presenter: PIPARO, Danilo (CERN)

Session Classification: Session 3