ATLAS-Heidelberg Meeting @ Trifels 2023

Report of Contributions

Contribution ID: **1**   Type: **not specified**

The VBF-W measurement - An overview

Presenter: BALTES, Lisa Marie (Heidelberg University (DE))

Contribution ID: **2** Type: **not specified**

The LHC precision frontier - Beating LEP?

Monday 10 July 2023 10:55 (25 minutes)

Presenter: KLASSEN, Martin (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: **3**   Type: **not specified**

Trigger one, trigger them all? Multi-object trigger performance studies for physics analysis

Monday 10 July 2023 14:50 (25 minutes)

Presenter: SAINZ SAENZ DIEZ, Isabel (Heidelberg University (DE))

Contribution ID: **4** Type: **not specified**

The Large Photon Collider - Photon-induced WW production

Monday 10 July 2023 11:45 (25 minutes)

Presenter: SOTHILINGAM, Varsiha (Heidelberg University (DE))

Contribution ID: **5**   Type: **not specified**

From Calibration to New Physics - Yet another bump?

Monday 10 July 2023 10:30 (25 minutes)

Presenter: BARTELS, Falk (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: **6**   Type: **not specified**

Improved determination of the tracking efficiency for the Minbias Analysis

Monday 10 July 2023 15:15 (25 minutes)

Presenter: FRAUEN, Florian (Heidelberg University (DE))

Contribution ID: **7** Type: **not specified**

Ready to switch? Comissioning the L1Calo eFex for Run 3

Monday 10 July 2023 14:00 (25 minutes)

Presenter: RASSLOFF, Damir Fabrice (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: **8**   Type: **not specified**

Rates, efficiency and resolution - How to benchmark your trigger

Presenter: FLEISCHLE, Felix Robin (Heidelberg University (DE))

Contribution ID: **9** Type: **not specified**

The ATLAS Central Trigger in Phase-2

Tuesday 11 July 2023 09:45 (25 minutes)

Presenter: SANFILIPPO, Lorenzo (Heidelberg University (DE))

Contribution ID: **10** Type: **not specified**

Measurement of the triple-differential multijet cross section to disentangle quark- and gluon-like jets at the LHC

Tuesday 11 July 2023 12:00 (25 minutes)

Presenter: SAUER, Christof (Heidelberg University (DE))

Contribution ID: **11** Type: **not specified**

TBD

Tuesday 11 July 2023 12:50 (25 minutes)

Presenter: ZINSSER, Joachim (Heidelberg University (DE))

Contribution ID: **16** Type: **not specified**

Excursion & Time for Discussion

Monday 10 July 2023 16:05 (2h 30m)

Contribution ID: **17**   Type: **not specified**

Just in-time? The L1Calo legacy (mis-)timing during the LHC ramp-up

Monday 10 July 2023 14:25 (25 minutes)

Presenter: ACKERMANN, Anke (Heidelberg University (DE))

Contribution ID: **18**   Type: **not specified**

One up, one down - From L1Calo in Phase-1 to L0Calo in Phase-2

Tuesday 11 July 2023 09:00 (25 minutes)

Presenter: JUNKERMANN, Thomas (Heidelberg University (DE))

Contribution ID: **19** Type: **not specified**

PDF-EFT Interplay in Global SMEFT Fits

Tuesday 11 July 2023 10:30 (25 minutes)

Presenter: MADIGAN, Maeve (Heidelberg University)

Contribution ID: **20**   Type: **not specified**

Model Compression for FPGA deployment of a Graph neural network based algorithm for Tracking

Tuesday 11 July 2023 12:25 (25 minutes)

Presenter: GUPTA, Sachin (Heidelberg University (DE))

Contribution ID: **21**   Type: **not specified**

Generative networks - The future of unfolding?

Tuesday 11 July 2023 11:20 (25 minutes)

Presenter: BACKES, Mathias Josef (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: **22** Type: **not specified**

Developping a Signal Generator for the Tile Pre-Processor

Tuesday 11 July 2023 09:25 (20 minutes)

Presenter: DUNZ, Anna (Heidelberg University (DE))

Contribution ID: **23**   Type: **not specified**

Towards a combined global SMEFT fit: Using likelihood analyses in the Top and Higgs sector

Tuesday 11 July 2023 10:55 (25 minutes)

Presenter: SCHMAL, Nikita

Contribution ID: **24** Type: **not specified**

TBD

Contribution ID: 25　　　　　　　　　　　　　　　　　Type: **not specified**

One template to fit them all - Towards a generic fake photon background estimate

Monday 10 July 2023 12:10 (25 minutes)

Presenter: HEINTZ, Tobias Stephan (Heidelberg University (DE))