

# **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? Commissioning 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))