

ATLAS-Heidelberg Meeting @ Trifels 2022

Report of Contributions

Contribution ID: 1

Type: **not specified**

Met+Jet –The Final Picture

Monday 30 May 2022 10:30 (25 minutes)

Presenter: WEBER, Sebastian Mario (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 2

Type: **not specified**

Z \boxtimes Invisible –Uncovering New Physics?!

Monday 30 May 2022 10:55 (25 minutes)

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

Contribution ID: 3

Type: **not specified**

Monitoring L1Calo - What's the Idea?

Monday 30 May 2022 15:35 (25 minutes)

Presenter: CASTILLO, Florencia Luciana (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 4

Type: **not specified**

Light-by Light Scattering with the AFP

Monday 30 May 2022 11:20 (25 minutes)

Presenter: SOTHILINGAM, Varsiha (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 5

Type: **not specified**

Trigger Level Analysis –Understanding Dijet Spectra

Monday 30 May 2022 11:45 (25 minutes)

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

Contribution ID: 6

Type: **not specified**

Generative Networks with Error Bars

Monday 30 May 2022 12:35 (25 minutes)

Presenter: VENT, Sophia

Contribution ID: 7

Type: **not specified**

L1Calo – Commissioning & Calibration Requirements

Monday 30 May 2022 15:10 (25 minutes)

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

Contribution ID: 8

Type: **not specified**

L1Calo Upgrade –What’s the Gain?

Monday 30 May 2022 14:45 (25 minutes)

Presenter: RODRIGUEZ, Sergi (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 9

Type: **not specified**

Phase-2 EFTtracking –Idea & Requirements

Tuesday 31 May 2022 09:50 (25 minutes)

Presenter: DITTMEIER, Sebastian (Ruprecht-Karls-Universitaet Heidelberg (DE))

Contribution ID: **10**

Type: **not specified**

HH to 4b analysis and its challenging background estimation

Tuesday 31 May 2022 12:15 (25 minutes)

Presenter: CZURYLO, Marta (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 11

Type: **not specified**

Symmetries, Safety, and Self-Supervision

Tuesday 31 May 2022 12:40 (25 minutes)

Presenter: VOGEL, Lorenz (Heidelberg University)

Contribution ID: **16**

Type: **not specified**

Excursion & Time for Discussion

Monday 30 May 2022 16:30 (2h 30m)

Contribution ID: 17

Type: **not specified**

L1Calo Upgrade for Theorists

Monday 30 May 2022 14:20 (25 minutes)

Presenter: JUNKERMANN, Thomas (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: **18**

Type: **not specified**

Phase-2 TilePPr Upgrade –What to Consider from TREX Experience

Tuesday 31 May 2022 09:00 (25 minutes)

Presenter: MKRTCHYAN, Tigran (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 19

Type: **not specified**

Zyy –What it Tells us about EW Interactions

Tuesday 31 May 2022 10:35 (25 minutes)

Presenter: OTT, Philipp Sebastian (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 20

Type: **not specified**

ZZy –The Next Step Tackling Anomalous Gauge Couplings

Tuesday 31 May 2022 11:25 (25 minutes)

Presenter: ACKERMANN, Anke (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 21

Type: **not specified**

ML-Unfolding from an Experimental Physicist's Point of View

Tuesday 31 May 2022 11:50 (25 minutes)

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

Contribution ID: 22

Type: **not specified**

The Phase II Global Trigger –What is Known about the Concept

Tuesday 31 May 2022 09:25 (25 minutes)

Presenter: DEL RIO, Fer (Ruprecht Karls Universitaet Heidelberg (DE))

Contribution ID: 23

Type: **not specified**

Using Global SMEFT Fits to Constrain UV Models of New Physics

Tuesday 31 May 2022 11:00 (25 minutes)

Presenter: GEOFFRAY, Emma (Heidelberg University)

Contribution ID: 24

Type: **not specified**

Evening Lecture: New Ideas for LHC Theory using Machine Learning

Monday 30 May 2022 20:45 (45 minutes)

Presenter: PLEHN, Tilman

Contribution ID: 25

Type: **not specified**

Measurement of Q/G Fractions and Topics Extractions in Dijet Events

Monday 30 May 2022 12:10 (25 minutes)

Presenter: SAUER, Christof (Universität Heidelberg)