

Cancelled: DPG Rehearsals 2020

Report of Contributions

Contribution ID: 0

Type: **not specified**

Messung der Higgs–Gluon–Tensorkopplung in Zerfällen $H \rightarrow ZZ^* \rightarrow 4l$ mit dem ATLAS–Detektor

Presenter: SINNER, Maxim

Contribution ID: 1

Type: **not specified**

Messung der HZZ-Tensor-Kopplung in $pp \rightarrow H \rightarrow ZZ^* \rightarrow 4l$ -Zerfällen mit dem ATLAS-Detektor

Presenter: WALBRECHT, Verena

Contribution ID: 2

Type: **not specified**

Suche nach Supersymmetrie mit versetzten Leptonpaaren beim ATLAS-Experiment am LHC

Presenter: KRAUSS, Dominik

Contribution ID: 4

Type: **not specified**

Suche nach Dunkler Materie im Mono-Higgs-Kanal mit dem ATLAS-Detektor bei einer Schwerpunktenergie von 13 TeV

Presenter: RÖHRIG, Rainer

Contribution ID: 5

Type: **not specified**

Suche nach Dunkler Materie in Assoziation mit einem hadronisch zerfallenden W- oder Z-Boson mit den Run-2-Daten des ATLAS-Detektors

Presenter: GADOW, Philipp

Contribution ID: 6

Type: **not specified**

Optimierung der Suche nach dunklen Materie mit dem ATLAS-Detektor im Mono-V-Kanal

Presenter: TESHIMA, Makoto

Contribution ID: 7

Type: **not specified**

Identifizierung geboosteter $h \rightarrow b\bar{b}$ -Zerfälle mit dem ATLAS-Detektor

Presenter: MASCHEK, Stefan

Contribution ID: 8

Type: **not specified**

Sensitivity studies using multivariate techniques for the search for fully hadronic decays of top squarks with the ATLAS detector

Presenter: KÖHLER, Nicolas

Contribution ID: 9

Type: **not specified**

Measurement of the ATLAS muon reconstruction efficiency on 2016 data using $\gamma \rightarrow \mu\mu$ events

Presenter: JUNGGEBURTH, Johannes

Contribution ID: **10**

Type: **not specified**

High rate studies of the ATLAS MDT chambers in LHC Run-2

Presenter: KÖHLER, Nicolas

Contribution ID: **11**

Type: **not specified**

Optimization of the ATLAS (s)MDT readout electronics for high counting rates

Presenter: SCHMIDT-SOMMERFELD, Korbinian

Contribution ID: 12

Type: **not specified**

Study on the performance of thin-gap RPCs for the ATLAS muon spectrometer upgrade

Presenter: BRUCE, Catriona

Contribution ID: 13

Type: **not specified**

Search for heavy VH resonances with the ATLAS detector in the final state with boosted $h \rightarrow b\bar{b}$ decays

Presenter: HÖNLE, Andreas

Contribution ID: 14

Type: **not specified**

Study of a search for stau pair production with the ATLAS experiment at the LHC

Presenter: SELLE, Patrick

Contribution ID: 15

Type: **not specified**

Search for R-parity violating Supersymmetry in final states with four-leptons with the ATLAS experiment

Presenter: JUNGGEBURTH, Johannes

Contribution ID: 16

Type: **not specified**

Search for supersymmetry in multileptonic final states with collimated $\tilde{\chi}$ pairs with the ATLAS detector

Presenter: RENDEL, Marian

Contribution ID: 17

Type: **not specified**

Determination of $\alpha_s(M_Z)$ from energy-energy correlations in electron positron annihilation with combination of NNLO perturbative calculations and nonperturbative corrections from Monte Carlo models

Presenter: VERBYTSKYI, Andrii

Contribution ID: 18

Type: **not specified**

Canceled: Data-driven background estimation and application of machine-learning techniques to the search for direct stau-pair production with the ATLAS detector

Presenter: JUNGGEBURTH, Johannes

Contribution ID: 19

Type: **not specified**

Investigation of PEN as structural self vetoing material for cryogenic low background experiments

Presenter: FISCHER, Felix

Contribution ID: 20

Type: **not specified**

PEN as a Scintillator, Characterisation of Light Output Properties

Presenter: KRAETZSCHMAR, Thomas

Contribution ID: 21

Type: **not specified**

Possibilities and challenges of Very-Large Zenith-Angle Observations with MAGIC

Presenter: VAN SCHERPENBERG, Juliane

Contribution ID: 22

Type: **not specified**

Variability study of the Crab Pulsar above few tens of GeV with MAGIC

Presenter: CERIBELLA, Giovanni

Contribution ID: 23

Type: **not specified**

Prototyping of SiPM based detector modules in the MAGIC telescopes

Presenter: HAHN, Alexander

Contribution ID: 24

Type: **not specified**

New Features in pySecDec

Presenter: JAHN, Stephan

Contribution ID: 25

Type: **not specified**

Higgs boson pair production in the Electroweak Chiral Lagrangian framework

Presenter: CAPOZI, Matteo

Contribution ID: 26

Type: **not specified**

Demonstrating Electromagnetic Properties of a MADMAX prototype booster

Presenter: EGGE, Jacob

Contribution ID: 27

Type: **not specified**

The MAgnetized Disk and Mirror Axion dark matter eXperiment (MADMAX)

Presenter: KNIRCK, Stefan

Contribution ID: 28

Type: **not specified**

Understanding Pulse Shape Discrimination in Germanium Detectors: Diffusion Effects

Presenter: SCHWEISSHELM, Barbara

Contribution ID: 29

Type: **not specified**

Temperaturabhängigkeit des Ladungsträgertransports in Germaniumdetektoren

Presenter: SCHUSTER, Martin

Contribution ID: 30

Type: **not specified**

Oberflächencharakterisierung von Germaniumdetektoren mit α -Teilchen

Presenter: HAUERTMANN, Lukas

Contribution ID: 31

Type: **not specified**

Das Minidex-Experiment zur Vermessung Myonen-induzierter Neutronen

Presenter: KNEISSL, Raphael

Contribution ID: 32

Type: **not specified**

Performance study of a novel time-dependent CP analysis of $B \rightarrow \pi^0 \pi^0$ and projected sensitivity to the unitarity angle ϕ_2/α at Belle II

Presenter: ABUDINEN, Fernando

Contribution ID: 34

Type: **not specified**

Time Measurements with the CALICE Analog Hadronic Calorimeter

Presenter: GRAF, Christian

Contribution ID: 35

Type: **not specified**

Simulation and Hardware Studies on a Highly Granular Electromagnetic Calorimeter for the DUNE Near Detector

Presenter: EMBERGER, Lorenz

Contribution ID: 36

Type: **not specified**

Background Suppression with the Belle II Neural Network Trigger

Presenter: SKAMBRAKS, Sebastian

Contribution ID: 37

Type: **not specified**

Characterization of main production modules of the Pixel Vertex Detector for Belle II

Presenter: LEITL, Philipp

Contribution ID: 70

Type: **not specified**

Search for diboson resonances (X -> Zh, Wh) produced via vector boson fusion with the ATLAS detector

Wednesday, 25 March 2020 09:00 (20 minutes)

Presenter: MASCHEK, Stefan

Session Classification: Session 1

Contribution ID: 71

Type: **not specified**

Search for dark matter produced in association with a hypothetical dark Higgs boson with the ATLAS detector

Wednesday, 25 March 2020 09:20 (20 minutes)

Presenter: GADOW, Philipp

Session Classification: Session 1

Contribution ID: 72

Type: **not specified**

Reconstruction performance of low-pT muons with the ATLAS experiment

Wednesday, 25 March 2020 09:40 (20 minutes)

Presenter: JUNGGEBURTH, Johannes

Session Classification: Session 1

Contribution ID: 73

Type: **not specified**

Search for supersymmetry in multileptonic final states with the ATLAS detector

Wednesday, 25 March 2020 10:00 (20 minutes)

Presenter: RENDEL, Marian

Session Classification: Session 1

Contribution ID: 74

Type: **not specified**

Production of new small-diameter Monitored Drift Tube (sMDT) chambers for the ATLAS muon spectrometer in Run 3

Wednesday, 25 March 2020 11:00 (20 minutes)

Presenter: RENDEL, Marian

Session Classification: Session 2

Contribution ID: 75

Type: **not specified**

Commissioning of new muon drift tube chambers for the ATLAS detector

Wednesday, 25 March 2020 11:20 (20 minutes)

Presenter: RENDEL, Marian

Session Classification: Session 2

Contribution ID: 76

Type: **not specified**

Optimisation of pulse shaping for muon drift tube chambers at high gamma background rates at future hadron colliders

Wednesday, 25 March 2020 11:40 (20 minutes)

Summary

Presenter: EBERWEIN, Gregor

Session Classification: Session 2

Contribution ID: 77

Type: **not specified**

Results of Large-size SiPM Pixel Tests in the MAGIC IACT Cam

Thursday, 26 March 2020 09:00 (20 minutes)

Presenter: HAHN, Alexander

Session Classification: Session 5

Contribution ID: 78

Type: **not specified**

Multi-wavelength observations of Mrk421 and Mrk501

Thursday, 26 March 2020 09:20 (20 minutes)

Summary

Presenter: HECKMANN, Lea

Session Classification: Session 5

Contribution ID: 79

Type: **not specified**

A Highly Granular Electromagnetic Calorimeter Concept for the DUNE Near Detector

Wednesday, 25 March 2020 14:00 (20 minutes)

Presenter: EMBERGER, Lorenz

Session Classification: Session 3

Contribution ID: **80**

Type: **not specified**

Time Measurements with the CALICE Analogue Hadronic Calorimeter Prototype

Wednesday, 25 March 2020 14:20 (20 minutes)

Presenter: EMBERGER, Lorenz

Session Classification: Session 3

Contribution ID: **81**

Type: **not specified**

A Scintillator Based Background and Beam Abort System for SuperKEKB

Wednesday, 25 March 2020 14:40 (20 minutes)

Presenter: POPOV, Ivan

Session Classification: Session 3

Contribution ID: **82**

Type: **not specified**

Electron Identification Studies of Belle II

Wednesday, 25 March 2020 15:00 (20 minutes)

Presenter: SKORUPA, Justin

Session Classification: Session 3

Contribution ID: 83

Type: **not specified**

First Results and Prospects for τ lepton Physics at Belle II

Wednesday, 25 March 2020 16:00 (20 minutes)

Presenter: KRAETZSCHMAR, Thomas

Session Classification: Session 4

Contribution ID: 84

Type: **not specified**

CLAWS: Monitoring Injection Backgrounds at SuperKEKB

Wednesday, 25 March 2020 16:20 (20 minutes)

Presenter: WINDEL, Hendrik

Session Classification: Session 4

Contribution ID: 85

Type: **not specified**

Use of poly(ethylene naphthalate) as a self-vetoing structural material for low-background experiments

Thursday, 26 March 2020 14:00 (20 minutes)

Presenter: FISCHER, Felix

Session Classification: Session 7

Contribution ID: **86**

Type: **not specified**

Tote Zonen in BEGe Detektoren

Thursday, 26 March 2020 16:00 (20 minutes)

Presenter: SCHUSTER, Martin

Session Classification: Session 8

Contribution ID: 87

Type: **not specified**

Vergleich der Signale von Alpha Teilchen auf unterschiedliche Metallisierungen eines p-Kontaktes eines Germaniumdetektors

Thursday, 26 March 2020 16:20 (20 minutes)

Presenter: HAUERTMANN, Lukas

Session Classification: Session 8

Contribution ID: **88**

Type: **not specified**

Compton Scanner Messungen an Germaniumdetektoren

Thursday, 26 March 2020 16:40 (20 minutes)

Summary

Presenter: HAGEMANN, Felix

Session Classification: Session 8

Contribution ID: **89**

Type: **not specified**

Electron Identification Studies of Belle II

Thursday, 26 March 2020 11:00 (20 minutes)

Presenter: SKORUPA, Justin (Max Planck for Physics)

Session Classification: Session 6

Contribution ID: 90

Type: **not specified**

Optimization of the new Pixel Vertex Detector for Physics Running in the Belle II Experiment

Thursday, 26 March 2020 11:20 (20 minutes)

Presenter: REIF, Markus

Session Classification: Session 6

Contribution ID: 91

Type: **not specified**

Efficiency Study of the Neural Network z-Vertex Trigger in the Belle II Experiment

Thursday, 26 March 2020 11:40 (20 minutes)

Presenter: MEGGENDORFER, Felix

Session Classification: Session 6

Contribution ID: 92

Type: **not specified**

First Results and Prospects for τ lepton Physics at Belle II

Thursday, 26 March 2020 12:00 (20 minutes)

Presenter: KRAETZSCHMAR, Thomas

Session Classification: Session 6

Contribution ID: 93

Type: **not specified**

Monitoring Injection Backgrounds at SuperKEKB

Thursday, 26 March 2020 09:40 (20 minutes)

Presenter: WINDEL, Hendrik

Session Classification: Session 5