

DPG Rehearsals 2017

Report of Contributions

Contribution ID: 0

Type: **not specified**

Das Minidex-Experiment zur Vermessung Myonen-induzierter Neutronen

Tuesday, 21 March 2017 09:00 (20 minutes)

Presenter: KNEISSL, Raphael

Session Classification: Session 1

Contribution ID: 1

Type: **not specified**

Muon-induced Neutrons in GERDA

Tuesday, 21 March 2017 09:20 (20 minutes)

Presenter: VANHOEFER, Laura

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Development of novel pulse shape discrimination algorithms for GERDA

Tuesday, 21 March 2017 09:40 (20 minutes)

Presenter: HOLL, Philipp

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Fast neutron detector data analysis, MC simulation and preliminary result in the context of Minidex

Tuesday, 21 March 2017 10:00 (20 minutes)

Presenter: DU, Qiang

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

Characterization of the detector dead layer for a sterile neutrino search with KATRIN

Tuesday, 21 March 2017 11:00 (20 minutes)

Presenter: BRUNST, Tim

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

Scintillator tiles with SiPM readout for fast timing in SuperKEKB commissioning

Tuesday, 21 March 2017 11:20 (20 minutes)

Presenter: WINDEL, Hendrik

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

CLAWS Phase 2: Beam background monitoring in the commissioning of SuperKEKB

Tuesday, 21 March 2017 11:40 (20 minutes)

Presenter: HEUCHEL, Daniel

Session Classification: Session 2

Contribution ID: 7

Type: **not specified**

CLAWS: Beam background monitoring in the commissioning of SuperKEKB

Tuesday, 21 March 2017 12:00 (20 minutes)

Presenter: GABRIEL, Miroslav

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Feasibility study of B to $\pi^0 \pi^0$ at the Belle II Experiment

Tuesday, 21 March 2017 14:00 (20 minutes)

Presenter: ABUDINEN, Fernando

Session Classification: Session 3

Contribution ID: 9

Type: **not specified**

Characterization and grading of the Pixel Vertex Detector modules

Tuesday, 21 March 2017 14:20 (20 minutes)

Presenter: LEITL, Philipp

Session Classification: Session 3

Contribution ID: 11

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

Wednesday, 22 March 2017 13:30 (20 minutes)

Presenter: GADOW, Philipp

Session Classification: Session 4

Contribution ID: 12

Type: **not specified**

Entwicklung eines neuen Level-0-Myontriggers für das ATLAS-Experiment am High-Luminosity-LHC

Wednesday, 22 March 2017 13:50 (20 minutes)

Presenter: GADOW, Philipp

Session Classification: Session 4

Contribution ID: 13

Type: **not specified**

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

Wednesday, 22 March 2017 14:10 (20 minutes)

Presenter: RÖHRIG, Rainer

Session Classification: Session 4

Contribution ID: 14

Type: **not specified**

Datenorientierte Untergrundbestimmung für die Suche nach Supersymmetrie in multileptonischen Endzuständen mit dem ATLAS-Detektor

Thursday, 23 March 2017 17:40 (20 minutes)

Presenter: MASCHEK, Stefan

Session Classification: Session 7

Contribution ID: 15

Type: **not specified**

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

Wednesday, 22 March 2017 14:30 (20 minutes)

Presenter: WALBRECHT, Verena

Session Classification: Session 4

Contribution ID: 16

Type: **not specified**

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

Wednesday, 22 March 2017 14:50 (20 minutes)

Presenter: ECKER, Katharina

Session Classification: Session 4

Contribution ID: 17

Type: **not specified**

Multivariate Optimierung der Signalregion fuer die Suche nach top-sQuarks im vollhadronischen Zerfallskanal mit dem ATLAS-Detektor

Wednesday, 22 March 2017 16:00 (20 minutes)

Presenter: GRAW, Jonas

Session Classification: Session 5

Contribution ID: **18**

Type: **not specified**

Searches for R-parity violating Supersymmetry in multileptonic final states with ATLAS

Wednesday, 22 March 2017 16:20 (20 minutes)

Presenter: JUNGGEBURTH, Johannes

Session Classification: Session 5

Contribution ID: 19

Type: **not specified**

Myonen nahe an Jets - Nachweiseffizienz und Unterdrueckung des Untergrunds von Sekundaerzerfaellen am ATLAS-Detektor im LHC-Run-2

Wednesday, 22 March 2017 16:40 (20 minutes)

Presenter: JUNGGEBURTH, Johannes

Session Classification: Session 5

Contribution ID: 20

Type: **not specified**

Datenbasierte Untergrundabschaetzung fuer die Suche nach top-sQuarks im vollhadronischen Zerfallskanal mit dem ATLAS-Detektor

Wednesday, 22 March 2017 17:00 (20 minutes)

Presenter: KÖHLER, Nicolas

Session Classification: Session 5

Contribution ID: 21

Type: **not specified**

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

Thursday, 23 March 2017 16:00 (20 minutes)

Presenter: KRAUSS, Dominik

Session Classification: Session 7

Contribution ID: 22

Type: **not specified**

Search for gluino pair decays into multileptonic final states with the ATLAS detector

Thursday, 23 March 2017 16:20 (20 minutes)

Presenter: RENDEL, Marian

Session Classification: Session 7

Contribution ID: 23

Type: **not specified**

Test and Installation of New sMDT Chambers in the ATLAS Muon Spectrometer

Thursday, 23 March 2017 16:40 (20 minutes)

Presenter: TAKASUGI, Eric Hayato

Session Classification: Session 7

Contribution ID: 24

Type: **not specified**

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

Thursday, 23 March 2017 17:00 (20 minutes)

Presenter: SCHMIDT-SOMMERFELD, Korbinian

Session Classification: Session 7

Contribution ID: 25

Type: **not specified**

First evaluation of the prototype 19-modules camera for the Large Size Telescope of the CTA

Thursday, 23 March 2017 14:00 (20 minutes)

Presenter: NAGAYOSHI, Tsutomu

Session Classification: Session 6

Contribution ID: 26

Type: **not specified**

Observation tailored instrument response functions for the MAGIC telescopes

Thursday, 23 March 2017 14:20 (20 minutes)

Presenter: STRZYS, Marcel

Session Classification: Session 6

Contribution ID: 27

Type: **not specified**

Improvement of energy reconstruction by using machine learning algorithms in MAGIC

Thursday, 23 March 2017 14:40 (20 minutes)

Presenter: ISHIO, Kazuma

Session Classification: Session 6

Contribution ID: 28

Type: **not specified**

Design and comparison of a SiPM based detector module to PMT modules in the MAGIC telescopes

Thursday, 23 March 2017 15:00 (20 minutes)

Presenter: HAHN, Alexander

Session Classification: Session 6

Contribution ID: 29

Type: **not specified**

First steps towards an improved tuning method for MC generators

Tuesday, 21 March 2017 14:40 (20 minutes)

Presenter: KLIMPEL, Fabian

Session Classification: Session 3

Contribution ID: 30

Type: **not specified**

Measurement of the Top Quark Mass in the $t\bar{t} \rightarrow$ lepton+jets channel at $\sqrt{s} = 13$ TeV with ATLAS

Tuesday, 21 March 2017 15:00 (20 minutes)

Presenter: SCHULTE, Sebastian

Session Classification: Session 3

Contribution ID: **31**

Type: **not specified**

Automated Numerical Evaluation of Multi Loop Amplitudes

Thursday, 23 March 2017 15:20 (20 minutes)

Presenter: JAHN, Stephan

Session Classification: Session 6

Contribution ID: 32

Type: **not specified**

Background suppression with neural networks at the Belle II trigger

Tuesday, 21 March 2017 15:20 (20 minutes)

Presenter: SKAMBRAKS, Sebastian

Session Classification: Session 3

Contribution ID: 33

Type: **not specified**

Development and Test of a Demonstrator for a First-Level Muon Trigger based on the Precision Drift Tube Chambers for ATLAS at HL-LHC

Thursday, 23 March 2017 17:20 (20 minutes)

Presenter: SCHMIDT-SOMMERFELD, Korbinian

Session Classification: Session 7