

**Spring 2006**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# **Alignment des Pixeldetektors am ATLAS-Experiment mittels Teilchenspuren**

*Thursday, 23 March 2006 09:00 (15 minutes)*

**Primary author:** TOBIAS GOETTFERT

**Presenter:** TOBIAS GOETTFERT

**Session Classification:** Session 1

Contribution ID: 2

Type: **not specified**

## **Track Selection for the Alignment of the ATLAS Inner Detector**

*Thursday, 23 March 2006 09:20 (15 minutes)*

**Primary author:** MIGUEL ANGEL OLIVO GOMEZ

**Presenter:** MIGUEL ANGEL OLIVO GOMEZ

**Session Classification:** Session 1

Contribution ID: 3

Type: **not specified**

## **Precise Prediction for the W-boson mass in the MSSM**

*Thursday, 23 March 2006 09:40 (20 minutes)*

**Primary author:** ARNE WEBER

**Presenter:** ARNE WEBER

**Session Classification:** Session 1

Contribution ID: 4

Type: **not specified**

## **Instabilitaet des Top-Quarks und elektroschwache Effekte in $v$ NRQCD**

*Thursday, 23 March 2006 10:30 (20 minutes)*

**Primary author:** CHRISTOPH REISSER

**Presenter:** CHRISTOPH REISSER

**Session Classification:** Session 2

Contribution ID: 5

Type: **not specified**

## **Ultrasofte Renormierung der Potentiale in vNRQCD**

*Thursday, 23 March 2006 10:55 (20 minutes)*

**Primary author:** MAXIMILIAN STAHLHOFEN

**Presenter:** MAXIMILIAN STAHLHOFEN

**Session Classification:** Session 2

Contribution ID: 6

Type: **not specified**

## **NLL Korrekturen zu $e^+e^-$ to $t\bar{t}$ -bar H bei $\sqrt{s}=500$ GeV**

*Thursday, 23 March 2006 11:20 (20 minutes)*

**Primary author:** CAILIN FARRELL

**Presenter:** CAILIN FARRELL

**Session Classification:** Session 2

Contribution ID: 7

Type: **not specified**

## **Observation of Shell-type SNRs with the MAGIC telescope**

*Thursday, 23 March 2006 11:45 (15 minutes)*

**Primary author:** HENDRIK BARTKO

**Presenter:** HENDRIK BARTKO

**Session Classification:** Session 2



Contribution ID: 8

Type: **not specified**

## **QED Corrections to Top Pair Production at the LHC**

*Thursday, 23 March 2006 13:30 (15 minutes)*

**Primary author:** MONIKA KOLLAR

**Presenter:** MONIKA KOLLAR

**Session Classification:** Session 3

Contribution ID: 9

Type: **not specified**

## **Messung und Bestimmung von Parametern der Atmosphäre mit Bedeutung**

*Thursday, 23 March 2006 13:50 (15 minutes)*

**Primary author:** MARTIN FUCHS

**Presenter:** MARTIN FUCHS

**Session Classification:** Session 3

Contribution ID: 10

Type: **not specified**

## **Optimierung der Starguidergenauigkeit des MAGIC-Telskops**

*Thursday, 23 March 2006 14:10 (15 minutes)*

**Primary author:** ANNA ROMASZKIEWICZ

**Presenter:** ANNA ROMASZKIEWICZ

**Session Classification:** Session 3

Contribution ID: 11

Type: **not specified**

# **Implementation of a fast driving system for Gamma-Ray-Burst Observation for the MAGIC Telescope**

*Thursday, 23 March 2006 14:30 (15 minutes)*

**Primary author:** RALF KOSYRA

**Presenter:** RALF KOSYRA

**Session Classification:** Session 3

Contribution ID: 12

Type: **not specified**

## **CRESST Dark Matter Search**

*Thursday, 23 March 2006 14:50 (15 minutes)*

**Primary author:** EMILJA PANTIC

**Presenter:** EMILJA PANTIC

**Session Classification:** Session 3

Contribution ID: 13

Type: **not specified**

## **Iteratives Verfahren fuer das Alignment des SCT Detektors des ATLAS-Experiments mittles Teilchenspuren**

*Thursday, 23 March 2006 16:00 (15 minutes)*

**Primary author:** ROLAND HAERTEL

**Presenter:** ROLAND HAERTEL

**Session Classification:** Session 4

Contribution ID: 14

Type: **not specified**

## Frictional Cooling Demonstration

*Thursday, 23 March 2006 18:00 (15 minutes)*

**Primary author:** DANIEL GREENWALD

**Presenter:** DANIEL GREENWALD

**Session Classification:** Session 4

Contribution ID: 15

Type: **not specified**

## **Search for Higgs boson decays to b quarks in associated production with a W boson**

*Thursday, 23 March 2006 17:20 (15 minutes)*

**Primary author:** JIANMIN YUAN

**Presenter:** JIANMIN YUAN

**Session Classification:** Session 4



Contribution ID: 16

Type: **not specified**

## The ZEUS Luminosity Spectrometer

*Thursday, 23 March 2006 15:40 (15 minutes)*

**Primary author:** JURAJ SUTIAK

**Presenter:** JURAJ SUTIAK

**Session Classification:** Session 4

Contribution ID: 17

Type: **not specified**

## **Intrinsic spectrum of 1ES1218+304 at Very High Energies**

*Thursday, 23 March 2006 16:20 (15 minutes)*

**Primary author:** DANIEL MAZIN

**Presenter:** DANIEL MAZIN

**Session Classification:** Session 4

Contribution ID: **18**

Type: **not specified**

## **Test Structures for Avalanche Drift Diodes**

*Thursday, 23 March 2006 16:40 (15 minutes)*

**Primary author:** CHRISTINE MERCK

**Presenter:** CHRISTINE MERCK

**Session Classification:** Session 4

Contribution ID: 19

Type: **not specified**

## **Search for the H -> tau tau -> 2leptons 4neutrinos decay in the vector boson fusion production channel with the ATLAS detector**

*Thursday, 23 March 2006 17:00 (15 minutes)*

**Primary author:** CHRYSOSTOMOS VALDERANIS

**Presenter:** CHRYSOSTOMOS VALDERANIS

**Session Classification:** Session 4

Contribution ID: 20

Type: **not specified**

## **Untersuchung des Ansprechverhaltens der ATLAS-Driftrohrkammern mit Hoehenstrahlung**

*Thursday, 23 March 2006 17:40 (15 minutes)*

**Primary author:** MANFRED GROH

**Presenter:** MANFRED GROH

**Session Classification:** Session 4