

# **Kruger 2010: Workshop on Discovery Physics at the LHC**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Welcome

**Presenter:** Dr VILAKAZI, Zeblon (iThemba LABS)

Contribution ID: 1

Type: **not specified**

# **Experimental particle physics in the LHC area and possible implications for development in Africa**

*Sunday 5 December 2010 17:55 (50 minutes)*

**Presenter:** Dr ASSAMAGAN, Ketevi

Contribution ID: 2

Type: **not specified**

## **Presentation by Prominent South African Anthropologist**

Contribution ID: 3

Type: **not specified**

## **Presentation by Prominent South African Biologist**

Contribution ID: 4

Type: **not specified**

# LHC Physics Overview

*Monday 6 December 2010 09:00 (50 minutes)*

**Presenter:** ELLIS, Jonathan R. (CERN)

Contribution ID: 5

Type: **not specified**

## **LHC Status, Performance and Plans**

*Monday 6 December 2010 08:10 (50 minutes)*

**Presenter:** EVANS, Lyn (CERN)

Contribution ID: 6

Type: **not specified**

## Overview of the ALICE results

*Monday 6 December 2010 10:55 (50 minutes)*

**Presenter:** KUIJER, Paul (NIKHEF)

Contribution ID: 7

Type: **not specified**

## Latest results from the CMS Experiment

*Tuesday 7 December 2010 09:00 (50 minutes)*

**Presenter:** FURIC, Ivan Kresimir (Department of Physics - University of Florida)

Contribution ID: 8

Type: **not specified**

## **LHCb Status, First Physics and Discovery Potential**

*Tuesday 7 December 2010 09:50 (50 minutes)*

**Presenter:** STEINKAMP, Olaf (Physik-Institut-Universitaet Zuerich-Unknown)

Contribution ID: 9

Type: **not specified**

## **SUSY Predictions for the LHC**

*Tuesday 7 December 2010 10:55 (50 minutes)*

**Presenter:** HEINEMEYER, Sven (CERN)

Contribution ID: **10**

Type: **not specified**

## **Plenary Talk 7 (Sven Heinemeyer; full-support)**

Contribution ID: 11

Type: **not specified**

## **Antimatter Production in p-p and Heavy Ion Collisions at Ultrarelativistic Energies**

**Presenter:** CLEYMANS, Jean (Department of Physics)

Contribution ID: 12

Type: **not specified**

## **Antimatter Production in p-p and Heavy Ion Collisions at Ultrarelativistic Energies**

*Wednesday 8 December 2010 11:45 (50 minutes)*

**Presenter:** CLEYMANS, Jean (Department of Physics-University of Cape Town)

Contribution ID: 13

Type: **not specified**

## **Plenary Talk 10 (Tao Han; full-support)**

Contribution ID: 14

Type: **not specified**

## **LHC physics beyond the Standard Model**

*Thursday 9 December 2010 10:55 (50 minutes)*

**Presenter:** DEANDREA, Aldo (Institut de Physique Nucleaire de Lyon (IPNL))

Contribution ID: 15

Type: **not specified**

## Neutrinos: from Pauli to the LHC

*Thursday 9 December 2010 11:45 (50 minutes)*

**Presenter:** Dr RAY, Heather (University of Florida)

Contribution ID: 16

Type: **not specified**

## **Plenary Talk 13 (String Theory Overview; Robert de Mello Koch (Witwatersrand); full-support)**

Contribution ID: 17

Type: **not specified**

# The physics case for the Large Hadron Electron Collider (LHeC)

*Friday 10 December 2010 10:25 (50 minutes)*

**Presenter:** MELLADO GARCIA, Bruce (High Energy Physics-Department of Physics-University of Wisconsin)

Contribution ID: **18**

Type: **not specified**

## Overview of CLIC

*Friday 10 December 2010 11:30 (50 minutes)*

**Presenter:** DABROWSKI, Anne (CERN)

Contribution ID: **19**

Type: **not specified**

## **Postdoc Talk**

Contribution ID: **20**

Type: **not specified**

## **Postdoc Talk**

Contribution ID: 21

Type: **not specified**

## **Experiment Summary (no speaker)**

Contribution ID: 22

Type: **not specified**

## Theory Summary (no speaker)

Contribution ID: 23

Type: **not specified**

## Goodbye

*Friday 10 December 2010 12:20 (15 minutes)*

Contribution ID: 24

Type: **not specified**

# Goodbye

Contribution ID: 25

Type: **not specified**

## Welcome Address

*Sunday 5 December 2010 17:00 (25 minutes)*

**Presenter:** Dr VILAKAZI, Zeblon (iThemba LABS)

Contribution ID: 26

Type: **not specified**

## Overview of Physics in South Africa

*Sunday 5 December 2010 17:25 (30 minutes)*

**Presenter:** Prof. CONNELL, Simon (University of Johannesburg)

Contribution ID: 27

Type: **not specified**

## **ATLAS Overview**

*Monday 6 December 2010 11:45 (50 minutes)*

**Presenter:** DOBOS, Daniel (Fachbereich Physik)

Contribution ID: 28

Type: **not specified**

## **The ALICE Electromagnetic Calorimeter EMCAL: its Status and its Physics Capabilities**

*Monday 6 December 2010 14:00 (30 minutes)*

**Presenter:** FANTONI, Alessandra (Laboratori Nazionali di Frascati (LNF)-Istituto Nazionale Fisica)

**Session Classification:** Parallel Session

Contribution ID: 29

Type: **not specified**

## **Performance of the ATLAS Inner Tracker**

*Monday 6 December 2010 14:30 (30 minutes)*

**Presenter:** MARTI I GARCIA, Salvador (IFIC-Valencia (UV-CSIC))

**Session Classification:** Parallel Session

Contribution ID: **30**

Type: **not specified**

## **Performance of the ATLAS Calorimeters**

Contribution ID: **31**

Type: **not specified**

## **Performance of the ATLAS Muon Spectrometer**

Contribution ID: 32

Type: **not specified**

## Setting the ATLAS Jet Energy Scale

Contribution ID: 33

Type: **not specified**

# From Operators and Lorentz Invariance to Quantum Fields and Gauge Symmetry

*Monday 6 December 2010 14:00 (1 hour)*

**Presenter:** Prof. DE MELLO KOCH, Robert (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 34

Type: **not specified**

## QFT Discussion Session

Contribution ID: 35

Type: **not specified**

## **Standard Model Discussion Session (Ellis, John)**

Contribution ID: **36**

Type: **not specified**

## **Production of W, Z in ATLAS**

*Monday 6 December 2010 14:00 (30 minutes)*

**Presenter:** CZYCZULA, Zofia (Yale University)

**Session Classification:** Parallel Session

Contribution ID: 37

Type: **not specified**

## Top Quark Studies in ATLAS

*Monday 6 December 2010 14:30 (30 minutes)*

**Presenter:** PAPADELIS, Aras (Stockholm University)

**Session Classification:** Parallel Session

Contribution ID: **38**

Type: **not specified**

## **Hard QCD MEasurements with the ATLAS Detector**

Contribution ID: 39

Type: **not specified**

## **Soft QCD MEasurements with the ATLAS Detector**

Contribution ID: 40

Type: **not specified**

# Measurement of Transverse Momentum Spectra of identified Hadrons from pp Collisions with the ALICE Experiment

*Monday 6 December 2010 14:00 (30 minutes)*

**Presenter:** KALWEIT, Alexander Philipp (Technische Universität Darmstadt)

**Session Classification:** Parallel Session

Contribution ID: 41

Type: **not specified**

# Quarkonium and Heavy Flavour Physics with ALICE at the LHC

*Monday 6 December 2010 14:30 (30 minutes)*

**Presenter:** GAGLIARDI, Martino (Universita degli Studi di Torino)

**Session Classification:** Parallel Session

Contribution ID: 42

Type: **not specified**

## **Performance of the ATLAS Calorimeters**

*Monday 6 December 2010 15:30 (30 minutes)*

**Presenter:** SANTONI, Claudio (Universite Blaise Pascal de Clermont-Ferrand II)

**Session Classification:** Parallel Session

Contribution ID: 43

Type: **not specified**

## **Performance of the ATLAS Muon Spectrometer**

*Monday 6 December 2010 16:00 (30 minutes)*

**Presenter:** BINDI, Marcello (Universita & INFN, Bologna)

**Session Classification:** Parallel Session

Contribution ID: 44

Type: **not specified**

## QFT Discussion

*Monday 6 December 2010 15:30 (30 minutes)*

**Presenter:** Prof. DE MELLO KOCH, Robert (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 45

Type: **not specified**

## Standard Model Discussion

*Monday 6 December 2010 16:00 (30 minutes)*

**Presenter:** ELLIS, Jonathan R. (CERN)

**Session Classification:** Parallel Session

Contribution ID: 46

Type: **not specified**

## Hard QCD Measurements in ATLAS

*Monday 6 December 2010 15:30 (30 minutes)*

**Presenter:** STAMEN, Rainer (Kirchhoff-Institut für Physik/Heidelberg)

**Session Classification:** Parallel Session

Contribution ID: 47

Type: **not specified**

## Soft QCD Measurements in ATLAS

*Monday 6 December 2010 16:00 (30 minutes)*

**Presenter:** LAYCOCK, Paul James (Oliver Lodge Laboratory-University of Liverpool)

**Session Classification:** Parallel Session

Contribution ID: 48

Type: **not specified**

## **Observation of Diffraction at LHC with the CMS Detector (Costa, Marco)**

Contribution ID: 49

Type: **not specified**

## **Particle production Studies at LHCb (Contu, Andrea)**

Contribution ID: 50

Type: **not specified**

## Setting of the ATLAS Jet Energy Scale

*Monday 6 December 2010 16:30 (30 minutes)*

**Presenter:** PETTENI, Michele (Simon Fraser University)

**Session Classification:** Parallel Session

Contribution ID: 51

Type: **not specified**

## Phenomenology in the LHC Era

*Tuesday 7 December 2010 11:45 (50 minutes)*

**Presenter:** Prof. HAN, Tao (University of Wisconsin)

Contribution ID: 52

Type: **not specified**

## **General Relativity Primer for Graduate Students**

*Tuesday 7 December 2010 14:00 (30 minutes)*

**Presenter:** Dr GOLDSTEIN, Kevin (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 53

Type: **not specified**

## **Operation, Calibration and Performance of the CMS Silicon Tracker**

*Tuesday 7 December 2010 14:00 (30 minutes)*

**Presenter:** FOCARDI, Ettore (University/INFN Florence)

**Session Classification:** Parallel Session

Contribution ID: 54

Type: **not specified**

## **Operation and Performance of the CMS Electromagnetic Calorimeter**

*Tuesday 7 December 2010 14:30 (30 minutes)*

**Presenter:** MALBERTI, Martina (Univ. Milano Bicocca & INFN Sezione di Milano Bicocca)

**Session Classification:** Parallel Session

Contribution ID: 55

Type: **not specified**

## General Relativity Discussion

*Tuesday 7 December 2010 15:30 (30 minutes)*

**Presenter:** Dr GOLDSTEIN, Kevin (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 56

Type: **not specified**

## **Stau Relic Density at the Big-Bang Nucleosynthesis Era consistent with the Abundance of Light Nuclei in the Coannihilation Scenario (Sato, Joe)**

Contribution ID: 57

Type: **not specified**

# Operation and Performance of the LHCb Experiment

*Tuesday 7 December 2010 15:30 (30 minutes)*

**Presenter:** ALESSIO, Federico (CERN)

**Session Classification:** Parallel Session

Contribution ID: 58

Type: **not specified**

## **Performance of Track and Vertex Reconstruction and B-tagging Studies with CMS in pp Collisions at $\sqrt{s}=7\text{TeV}$**

*Tuesday 7 December 2010 16:00 (30 minutes)*

**Presenter:** SCHMIDT, Alexander (Universität Zürich)

**Session Classification:** Parallel Session

Contribution ID: 59

Type: **not specified**

## **Searches for new physics in Heavy Flavour Rare b decays at LHCb**

*Tuesday 7 December 2010 15:30 (30 minutes)*

**Presenter:** PELLEGRINO, Antonio (NIKHEF)

**Session Classification:** Parallel Session

Contribution ID: **60**

Type: **not specified**

## **Searches for new physics with leptons in ATLAS**

*Tuesday 7 December 2010 16:00 (30 minutes)*

**Presenter:** CHEN, Xin (University of Wisconsin)

**Session Classification:** Parallel Session

Contribution ID: **61**

Type: **not specified**

## **Searches for new physics with jets at ATLAS**

*Tuesday 7 December 2010 14:00 (30 minutes)*

**Presenter:** COURNEYEA, Lorraine (University of Victoria)

**Session Classification:** Parallel Session

Contribution ID: **62**

Type: **not specified**

## **CMS searches for new physics**

*Tuesday 7 December 2010 14:30 (30 minutes)*

**Presenter:** SENGHI SOARES, Mara (Centro de Investigaciones Energ. Medioambientales y Tecn. - (CIE)

**Session Classification:** Parallel Session

Contribution ID: **63**

Type: **not specified**

## **Heavy Flavour Production in ATLAS**

*Tuesday 7 December 2010 14:00 (30 minutes)*

**Presenter:** CONVENTI, Francesco (Univ. + INFN)

**Session Classification:** Parallel Session

Contribution ID: 64

Type: **not specified**

## **Quarkonium and Heavy Flavour Physics with ALICE at the LHC**

Contribution ID: 65

Type: **not specified**

## **Measurement of Unitarity Triangle sides and angles at BaBar**

Contribution ID: 66

Type: **not specified**

## Study of hadronic b-decays at LHCb

**Presenter:** MARTENS, Aurelien (Lab. de l'Accelérateur Lineaire (IN2P3) (LAL)-Universite de Pari)

Contribution ID: 67

Type: **not specified**

## **Direct searches for light new physics with BaBar**

**Presenter:** Dr LOPEZ-MARCH, Neus (IFIC, Univ. De Valencia-Csic)

Contribution ID: 68

Type: **not specified**

## **Stau relic density at the Big-Bang nucleosynthesis era consistent with the abundance of light element nuclei in the co-annihilation scenario**

*Wednesday 8 December 2010 14:00 (30 minutes)*

**Presenter:** Dr SATO, Joe

**Session Classification:** Parallel Session

Contribution ID: **69**

Type: **not specified**

## **SUSY Discussion**

*Wednesday 8 December 2010 15:30 (30 minutes)*

**Presenter:** HEINEMEYER, Sven (CERN)

**Session Classification:** Parallel Session

Contribution ID: 70

Type: **not specified**

## Phenomenology discussion

*Wednesday 8 December 2010 16:00 (30 minutes)*

**Presenter:** Prof. HAN, Tao (University of Wisconsin)

**Session Classification:** Parallel Session

Contribution ID: 71

Type: **not specified**

## **CMS Results in Electroweak Physics**

*Wednesday 8 December 2010 14:00 (30 minutes)*

**Presenter:** Dr SEGONI, Ilaria (CERN)

**Session Classification:** Parallel Session

Contribution ID: 72

Type: **not specified**

## **W and Z Production in the forward region at LHCb**

*Wednesday 8 December 2010 14:30 (30 minutes)*

**Presenter:** HUTCHCROFT, David (University of Liverpool)

**Session Classification:** Parallel Session

Contribution ID: 73

Type: **not specified**

## **Precision Tests of the Standard Model in tau and upsilon decays at BaBar**

Contribution ID: 74

Type: **not specified**

## **$B \rightarrow X_s/d \text{ gamma}$ and $B \rightarrow X_s/d \text{ l+l-}$**

*Wednesday 8 December 2010 14:00 (30 minutes)*

**Presenter:** MARGONI, Martino (Dipartimento di Fisica Galileo Galilei)

**Session Classification:** Parallel Session

Contribution ID: 75

Type: **not specified**

## **Prompt Jpsi and b->Jpsi X production in pp collisions**

**Presenter:** Dr ROBBE, Patrick

Contribution ID: 76

Type: **not specified**

## **Prospects of CPV in Bs->JpsiPhi with first LHCb data**

**Presenter:** KHANJI, Basem (CPPM-Marseille)

Contribution ID: 77

Type: **not specified**

## Leptonic decays

**Presenter:** Dr MATTISON, Thomas (University of British Columbia)

Contribution ID: 78

Type: **not specified**

## Early Search for Supersymmetry at ATLAS

*Wednesday 8 December 2010 14:00 (30 minutes)*

**Presenter:** ZHUANG, Xuai (Ludwig-Maximilians-Univ. Muenchen)

**Session Classification:** Parallel Session

Contribution ID: 79

Type: **not specified**

## **Searches for Stopped Gluinos during Beam-off Periods at CMS**

*Wednesday 8 December 2010 14:30 (30 minutes)*

**Presenter:** RAVAL, Amita (Penn State University)

**Session Classification:** Parallel Session

Contribution ID: **80**

Type: **not specified**

## **Higgs sensitivity in ATLAS**

*Wednesday 8 December 2010 15:30 (30 minutes)*

**Presenter:** NOVAKOVA, Jana

**Session Classification:** Parallel Session

Contribution ID: **81**

Type: **not specified**

## **Search for Heavy Stable Charged Particles in CMS**

*Wednesday 8 December 2010 16:00 (30 minutes)*

**Presenter:** NEUMEISTER, Norbert (Purdue University)

**Session Classification:** Parallel Session

Contribution ID: **82**

Type: **not specified**

## **Supergroups and generally extended supersymmetry**

*Thursday 9 December 2010 14:00 (30 minutes)*

**Presenter:** Dr ROENNE, Peter (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: **83**

Type: **not specified**

## **Discussion session I**

*Thursday 9 December 2010 16:00 (1 hour)*

**Presenters:** DEANDREA, Aldo (Institut de Physique Nucleaire de Lyon (IPNL)); CLEYMANS, Jean (Department of Physics)

**Session Classification:** Parallel Session

Contribution ID: **84**

Type: **not specified**

## **Discussion session II**

**Presenter:** DEANDREA, Aldo (Institut de Physique Nucleaire de Lyon (IPNL))

Contribution ID: 85

Type: **not specified**

## **Results and Prospects for charm physics at LHCb**

*Thursday 9 December 2010 14:00 (30 minutes)*

**Presenter:** HUNT, Philip John (Particle Physics-University of Oxford-Unknown)

**Session Classification:** Parallel Session

Contribution ID: 86

Type: **not specified**

## **Inclusive Production of jets and dijets at LHCb (Auriemma, Giulio)**

Contribution ID: 87

Type: **not specified**

## Search for Monojets with ATLAS

Contribution ID: **88**

Type: **not specified**

## **Search for Pair Production of Leptoquarks in the CMS Experiment**

*Thursday 9 December 2010 14:00 (30 minutes)*

**Presenter:** RUMERIO, Paolo (University of Maryland)

**Session Classification:** Parallel Session

Contribution ID: **89**

Type: **not specified**

## **Search for New Physics in the Dijet Mass Spectrum in CMS (Agostino, Lorenzo)**

Contribution ID: **90**

Type: **not specified**

## **Search for New Physics in the Dijet Centrality Ratio in CMS**

*Thursday 9 December 2010 15:30 (30 minutes)*

**Presenter:** RAVAL, Amita (DESY)

**Session Classification:** Parallel Session

Contribution ID: **91**

Type: **not specified**

## **The properties of CKM Evolution in the UED Model**

*Wednesday 8 December 2010 14:30 (30 minutes)*

**Presenter:** Dr LIU, Lu-Xin (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 92

Type: **not specified**

## **Semiclassical strings in toric AdS/CFT and its marginal deformations**

*Thursday 9 December 2010 14:30 (30 minutes)*

**Presenter:** Dr GIATAGANAS, Dimitrios (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 93

Type: **not specified**

# Correlators of Operators With Large R-Charge in the ABJM Theory

*Tuesday 7 December 2010 16:00 (30 minutes)*

**Presenter:** Dr DEY, Tanay (University of the Witwatersrand)

**Session Classification:** Parallel Session

Contribution ID: 94

Type: **not specified**

## **Particle Production Studies at LHCb**

*Monday 6 December 2010 15:30 (30 minutes)*

**Presenter:** CONTU, Andrea (CERN)

**Session Classification:** Parallel Session

Contribution ID: 95

Type: **not specified**

## **Inclusive production of jets and dijets at LHCb**

*Monday 6 December 2010 16:00 (30 minutes)*

**Presenter:** AURIEMMA, Giulio (Universita di Roma I "La Sapienza")

**Session Classification:** Parallel Session

Contribution ID: 96

Type: **not specified**

## **Search for New Physics in the Dijet Mass Spectrum in CMS**

*Thursday 9 December 2010 14:30 (30 minutes)*

**Presenter:** AGOSTINO, Lorenzo (Cornell University)

**Session Classification:** Parallel Session

Contribution ID: 97

Type: **not specified**

## **New Physics Constraints from B Factories**

*Thursday 9 December 2010 09:50 (50 minutes)*

**Presenter:** Dr MATTISON, Thomas (University of British Columbia)

Contribution ID: **98**

Type: **not specified**

## **Search for New Physics Beyond SM at the Tevatron**

*Wednesday 8 December 2010 09:50 (50 minutes)*

**Presenter:** DENG, Jianrong

Contribution ID: 99

Type: **not specified**

## **Two early Exotic searches with dijet events at ATLAS**

*Thursday 9 December 2010 16:00 (30 minutes)*

**Presenter:** REZVANI, Reyhaneh (Department of Physics-University of Toronto)

**Session Classification:** Parallel Session

Contribution ID: **100**

Type: **not specified**

## **Study of hadronic b-decays at LHCb**

*Tuesday 7 December 2010 14:30 (30 minutes)*

**Presenter:** MARTENS, Aurelien (Lab. de l'Accelérateur Lineaire (IN2P3) (LAL)-Universite de Pari)

**Session Classification:** Parallel Session

Contribution ID: **101**

Type: **not specified**

## **Prompt Jpsi and b->Jpsi X production in pp collisions**

*Tuesday 7 December 2010 15:30 (30 minutes)*

**Presenter:** Dr ROBBE, Patrick

**Session Classification:** Parallel Session

Contribution ID: **102**

Type: **not specified**

## **Prospects of CPV in Bs->JpsiPhi with first LHCb data**

*Tuesday 7 December 2010 16:00 (30 minutes)*

**Presenter:** KHANJI, Basem (CPPM-Marseille)

**Session Classification:** Parallel Session

Contribution ID: **103**

Type: **not specified**

## **Leptonic decays**

*Wednesday 8 December 2010 14:30 (20 minutes)*

**Presenter:** Dr MATTISON, Thomas (University of British Columbia)

**Session Classification:** Parallel Session

Contribution ID: **104**

Type: **not specified**

# **Challenging the Standard Model at the Tevatron Collider**

*Wednesday 8 December 2010 10:55 (50 minutes)*

**Presenter:** FILTHAUT, Frank (Radboud University Nijmegen / Nikhef)

Contribution ID: **105**

Type: **not specified**

# **Qualitative and Quantitative Jet Physics in Pb + Pb at LHC**

*Thursday 9 December 2010 15:30 (30 minutes)*

**Presenter:** Dr HOROWITZ, Will (University of Cape Town)

**Session Classification:** Parallel Session

Contribution ID: **106**

Type: **not specified**

## **SM Discussion**

*Wednesday 8 December 2010 15:30 (2 hours)*

**Presenter:** ALL

**Session Classification:** Parallel Session

Contribution ID: **107**

Type: **not specified**

## **B-physics Discussion**

*Wednesday 8 December 2010 16:00 (1h 30m)*

**Presenter:** ALL

**Session Classification:** Parallel Session

Contribution ID: **108**

Type: **not specified**

## **QCD Discussion**

*Thursday 9 December 2010 15:30 (2 hours)*

**Presenter:** ALL

**Session Classification:** Parallel Session

Contribution ID: **109**

Type: **not specified**

## **Discussion I**

*Thursday 9 December 2010 14:00 (1 hour)*

**Presenter:** ALL

**Session Classification:** Parallel Session

Contribution ID: **110**

Type: **not specified**

## **Discussion II**

*Thursday 9 December 2010 15:30 (2 hours)*

**Presenter:** ALL

**Session Classification:** Parallel Session

Contribution ID: 111

Type: **not specified**

## **Space-Time, Quantum Mechanics and the LHC**

*Monday 6 December 2010 09:50 (50 minutes)*

**Presenter:** Prof. ARKANI-HAMED, Nima (Princeton, IAS)

Contribution ID: 112

Type: **not specified**

## **Direct searches for light new physics with BaBar**

*Wednesday 8 December 2010 15:30 (30 minutes)*

**Presenter:** Dr LOPEZ-MARCH, Neus

**Session Classification:** Parallel Session

Contribution ID: **113**

Type: **not specified**

## **Room available for open discussion**

*Monday 6 December 2010 17:00 (30 minutes)*

**Session Classification:** Parallel Session

Contribution ID: 114

Type: **not specified**

## **Room available for open discussion**

*Monday 6 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: 115

Type: **not specified**

## **Room available for open discussion**

*Monday 6 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: **116**

Type: **not specified**

## **Room available for open discussion**

*Monday 6 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: **117**

Type: **not specified**

## **Room available for open discussion**

*Tuesday 7 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: **118**

Type: **not specified**

## **Room available for open discussion**

*Tuesday 7 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: **119**

Type: **not specified**

## **Room available for open discussion**

*Tuesday 7 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: **120**

Type: **not specified**

## **Room available for open discussion**

*Tuesday 7 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: **121**

Type: **not specified**

## **Room available for open discussion**

*Wednesday 8 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: 122

Type: **not specified**

## **Room available for open discussion**

*Wednesday 8 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: 123

Type: **not specified**

## **Room available for open discussion**

*Thursday 9 December 2010 17:00 (30 minutes)*

**Session Classification:** Parallel Session

Contribution ID: 124

Type: **not specified**

## **Room available for open discussion**

*Thursday 9 December 2010 16:30 (1 hour)*

**Session Classification:** Parallel Session

Contribution ID: 125

Type: **not specified**

## **Qualitative and Quantitative Jet Physics in Pb + Pb at LHC**

Contribution ID: 126

Type: **not specified**

## **Suppression of Charged Particle Production at Large Transverse Momentum in Central Pb–Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

*Thursday 9 December 2010 14:30 (30 minutes)*

**Presenter:** THAEDER, Jochen (Frankfurt Institute for Advanced Studies (FIAS))

**Session Classification:** Parallel Session