

Physics at LHC 2004

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Tuesday, 13 July 2004 08:30 (30 minutes)

Session Classification: Plenary Session I

Contribution ID: 2

Type: **not specified**

Welcome address

Tuesday, 13 July 2004 09:00 (30 minutes)

Session Classification: Plenary Session I

Contribution ID: 3

Type: **not specified**

LHC Overview

Tuesday, 13 July 2004 09:30 (1 hour)

Primary author: ENGELEN, Jos (CERN)

Presenter: ENGELEN, Jos (CERN)

Session Classification: Plenary Session I

Contribution ID: 4

Type: **not specified**

SM and SUSY Higgs bosons: Phenomenological aspects for the LHC

Tuesday, 13 July 2004 11:00 (30 minutes)

Primary author: DJOUADI, Abdelhak (Montpellier)

Presenter: DJOUADI, Abdelhak (Montpellier)

Session Classification: Plenary Session II

Contribution ID: 5

Type: **not specified**

The no-Higgs signal: strong WW scattering at the LHC

Tuesday, 13 July 2004 11:30 (30 minutes)

Primary author: , M. Chanowitz (LBL, USA)

Presenter: , M. Chanowitz (LBL, USA)

Session Classification: Plenary Session II

Contribution ID: 6

Type: **not specified**

Status of Higgs searches

Tuesday, 13 July 2004 12:00 (30 minutes)

Primary author: KONSTANTINIDIS, Nikolaos (Departm.of Physics and Astronomy Univ.Coll.London)

Presenter: KONSTANTINIDIS, Nikolaos (Departm.of Physics and Astronomy Univ.Coll.London)

Session Classification: Plenary Session II

Contribution ID: 7

Type: **not specified**

Higgs Results from Tevatron Run II

Tuesday, 13 July 2004 12:30 (15 minutes)

Primary author: , B. Tuchming (Saclay, France)

Presenter: , B. Tuchming (Saclay, France)

Session Classification: Plenary Session II

Contribution ID: 8

Type: **not specified**

Higgs Physics at the LHC

Tuesday, 13 July 2004 14:15 (30 minutes)

Primary author: SPHICAS, Paris (CERN)

Presenter: SPHICAS, Paris (CERN)

Session Classification: Plenary Session III

Contribution ID: 9

Type: **not specified**

Resummed Higgs boson transverse momentum distribution at the LHC

Tuesday, 13 July 2004 14:45 (20 minutes)

Primary author: , A. Kulesza

Presenter: , A. Kulesza

Session Classification: Working Session on Higgs I

Contribution ID: **10**

Type: **not specified**

ATLAS: Triggering for Higgs

Tuesday, 13 July 2004 15:05 (20 minutes)

Primary author: PEREZ REALE, Valeria (Laboratorium fuer Hochenergiephysik)

Presenter: PEREZ REALE, Valeria (Laboratorium fuer Hochenergiephysik)

Session Classification: Working Session on Higgs I

Contribution ID: 11

Type: **not specified**

Study of H \rightarrow ZZ* \rightarrow 4 mu channel with full ATLAS detector simulation

Tuesday, 13 July 2004 15:25 (20 minutes)

Primary author: HASSANI, Samira (DAPNIA)

Presenter: HASSANI, Samira (DAPNIA)

Session Classification: Working Session on Higgs I

Contribution ID: 12

Type: **not specified**

Search for the Standard Model Higgs boson in the decay channel into four muons

Tuesday, 13 July 2004 15:45 (20 minutes)

Primary author: , M. Sani (INFN and Univ. Florence, Italy)

Presenter: , M. Sani (INFN and Univ. Florence, Italy)

Session Classification: Working Session on Higgs I

Contribution ID: 13

Type: **not specified**

ATLAS Higgs Boson Searches via Vector Boson Fusion

Tuesday, 13 July 2004 16:30 (20 minutes)

Primary author: ARMSTRONG, Steve (Unknown)

Presenter: ARMSTRONG, Steve (Unknown)

Session Classification: Working Session on Higgs II

Contribution ID: 14

Type: **not specified**

Charged Higgs Search Prospects at LHC

Tuesday, 13 July 2004 16:50 (20 minutes)

Primary author: , D. P. Roy (TIFR Mumbai, India)

Presenter: , D. P. Roy (TIFR Mumbai, India)

Session Classification: Working Session on Higgs II

Contribution ID: 15

Type: **not specified**

Neutral MSSM Higgs bosons from squark and gluino cascades with CMS

Tuesday, 13 July 2004 17:10 (20 minutes)

Primary author: MARINELLI, Nancy (University of Athens)

Presenter: MARINELLI, Nancy (University of Athens)

Session Classification: Working Session on Higgs II

Contribution ID: 16

Type: **not specified**

Radion Searches in CMS

Tuesday, 13 July 2004 17:30 (20 minutes)

Primary author: GENNAI, Simone (INFN Sezione di Pisa (INFN))

Presenter: GENNAI, Simone (INFN Sezione di Pisa (INFN))

Session Classification: Working Session on Higgs II

Contribution ID: 17

Type: **not specified**

Higgs Boson Parameter Measurements at the LHC

Tuesday, 13 July 2004 17:50 (20 minutes)

Primary author: DUEHRSEN, Michael (Albert-Ludwigs-Universitaet Freiburg)

Presenter: DUEHRSEN, Michael (Albert-Ludwigs-Universitaet Freiburg)

Session Classification: Working Session on Higgs II

Contribution ID: **18**

Type: **not specified**

ATLAS progress report

Wednesday, 14 July 2004 09:00 (30 minutes)

Primary author: NESSI, Marzio (CERN)

Presenter: NESSI, Marzio (CERN)

Session Classification: Plenary Session IV

Contribution ID: **19**

Type: **not specified**

Status of CMS

Wednesday, 14 July 2004 09:30 (30 minutes)

Primary author: BALL, Austin (CERN)

Presenter: BALL, Austin (CERN)

Session Classification: Plenary Session IV

Contribution ID: 20

Type: **not specified**

SUSY Phenomenology

Wednesday, 14 July 2004 10:00 (30 minutes)

Primary author: KRAML, Sabine (Institut fuer Hochenergiephysik (HEPHY))

Presenter: KRAML, Sabine (Institut fuer Hochenergiephysik (HEPHY))

Session Classification: Plenary Session IV

Contribution ID: 21

Type: **not specified**

Status of SUSY Searches

Wednesday, 14 July 2004 11:00 (30 minutes)

Primary author: GRIVAZ, Jean-Francois (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))

Presenter: GRIVAZ, Jean-Francois (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))

Session Classification: Plenary Session V

Contribution ID: 22

Type: **not specified**

SUSY at LHC

Wednesday, 14 July 2004 11:30 (30 minutes)

Primary author: PAIGE, Frank (Department of Physics)

Presenter: PAIGE, Frank (Department of Physics)

Session Classification: Plenary Session V

Contribution ID: 23

Type: **not specified**

After the champagne – Toward the underlying theory

Wednesday, 14 July 2004 12:00 (25 minutes)

Primary author: , G. Kane (University of Michigan, USA)

Presenter: , G. Kane (University of Michigan, USA)

Session Classification: Plenary Session V

Contribution ID: 24

Type: **not specified**

SUSY Dark Matter

Wednesday, 14 July 2004 14:00 (25 minutes)

Primary author: , G. Belanger (LAPP Annecy)

Presenter: , G. Belanger (LAPP Annecy)

Session Classification: Working Session on SUSY I

Contribution ID: 25

Type: **not specified**

Measuring the MSSM Lagrangean

Wednesday, 14 July 2004 14:25 (25 minutes)

Primary author: PLEHN, Tilman (CERN)

Presenter: PLEHN, Tilman (CERN)

Session Classification: Working Session on SUSY I

Contribution ID: 26

Type: **not specified**

CP Violation in SUSY

Wednesday, 14 July 2004 14:50 (25 minutes)

Primary author: , R. Godbole

Presenter: , R. Godbole

Session Classification: Working Session on SUSY I

Contribution ID: 27

Type: **not specified**

Lepton Number Violation in Decays of Supersymmetric Particles

Wednesday, 14 July 2004 15:15 (25 minutes)

Due to unforeseen circumstances the talk could not be presented personally.

Primary author: , W. Porod (IFIC-CSIC Valencia, Spain)

Presenter: , W. Porod (IFIC-CSIC Valencia, Spain)

Session Classification: Working Session on SUSY I

Contribution ID: 28

Type: **not specified**

Photoproduction of Heavy Vector Mesons at the LHC

Wednesday, 14 July 2004 14:00 (35 minutes)

Primary author: NYSTRAND, Joakim (Department of Physics and Technology)

Presenter: NYSTRAND, Joakim (Department of Physics and Technology)

Session Classification: Workshop on Ultraperipheral Collisions I

Contribution ID: 29

Type: **not specified**

High-energy Photon Interactions at LHC

Wednesday, 14 July 2004 14:35 (35 minutes)

Primary author: PIOTRZKOWSKI, Krzysztof (Universite Catholique de Louvain)

Presenter: PIOTRZKOWSKI, Krzysztof (Universite Catholique de Louvain)

Session Classification: Workshop on Ultraperipheral Collisions I

Contribution ID: **30**

Type: **not specified**

Dilepton pair production at the LHC

Wednesday, 14 July 2004 15:10 (30 minutes)

Primary author: , K. Hencken (University of Basel, Switzerland)

Presenter: , K. Hencken (University of Basel, Switzerland)

Session Classification: Workshop on Ultraperipheral Collisions I

Contribution ID: 31

Type: **not specified**

Estimating the precision of a tan beta determination with SUSY H- \rightarrow tau tau in CMS

Wednesday, 14 July 2004 16:10 (20 minutes)

Primary author: LEHTI, Sami (Helsinki Institute of Physics HIP)

Presenter: LEHTI, Sami (Helsinki Institute of Physics HIP)

Session Classification: Working Session on SUSY II

Contribution ID: 32

Type: **not specified**

First detailed study on the CMS SUSY discovery potential with two same sign muons in the mSUGRA model

Wednesday, 14 July 2004 16:30 (20 minutes)

Primary author: , A. Drozdetski (University of Florida, Gainesville, USA)

Presenter: , A. Drozdetski (University of Florida, Gainesville, USA)

Session Classification: Working Session on SUSY II

Contribution ID: 33

Type: **not specified**

SUSY Measurements with ATLAS: Hadronic Signatures and Focus Point Region

Wednesday, 14 July 2004 17:10 (20 minutes)

Primary author: LARI, Tommaso (Dipartimento di Fisica)

Presenter: LARI, Tommaso (Dipartimento di Fisica)

Session Classification: Working Session on SUSY II

Contribution ID: 34

Type: **not specified**

SUSY with ATLAS: leptonic signatures, coannihilation region

Wednesday, 14 July 2004 16:50 (20 minutes)

Primary author: Dr COMUNE, gianluca (michigan state university)

Presenter: Dr COMUNE, gianluca (michigan state university)

Session Classification: Working Session on SUSY II

Contribution ID: 35

Type: **not specified**

General Search for SUSY Strategy

Wednesday, 14 July 2004 17:30 (20 minutes)

Primary author: , P. Renkel (Weizmann Institute of Science, Rehovot, Israel)

Presenter: , P. Renkel (Weizmann Institute of Science, Rehovot, Israel)

Session Classification: Working Session on SUSY II

Contribution ID: 36

Type: **not specified**

Study of the gauge mediation signal with nonpointing photons at the CERN LHC

Wednesday, 14 July 2004 17:50 (20 minutes)

Primary author: , K.Kawagoe

Presenter: , K.Kawagoe

Session Classification: Working Session on SUSY II

Contribution ID: 37

Type: **not specified**

A Program of Hadron Spectroscopy with STAR

Wednesday, 14 July 2004 16:10 (30 minutes)

Primary author: , S.-U. Chung (BNL, USA)

Presenter: , S.-U. Chung (BNL, USA)

Session Classification: Workshop on Ultraperipheral Collisions II

Contribution ID: **38**

Type: **not specified**

Status of ALICE

Thursday, 15 July 2004 09:00 (25 minutes)

Primary author: FABJAN, Christian (CERN)

Presenter: FABJAN, Christian (CERN)

Session Classification: Plenary Session VI

Contribution ID: 39

Type: **not specified**

Heavy Ions - Phenomenology and Status

Thursday, 15 July 2004 09:25 (35 minutes)

Primary author: , J. W. Harris (Yale University, USA)

Presenter: , J. W. Harris (Yale University, USA)

Session Classification: Plenary Session VI

Contribution ID: 40

Type: **not specified**

Heavy Ions - Prospects at LHC

Thursday, 15 July 2004 10:00 (35 minutes)

Primary author: , B. Mueller

Presenter: , B. Mueller

Session Classification: Plenary Session VI

Contribution ID: 41

Type: **not specified**

Status and future progress of B-Physics

Thursday, 15 July 2004 11:00 (40 minutes)

Primary author: , A. I. Sanda (Nagoya University, Japan)

Presenter: , A. I. Sanda (Nagoya University, Japan)

Session Classification: Plenary Session VII

Contribution ID: 42

Type: **not specified**

Results from the B-factories and future perspectives

Thursday, 15 July 2004 11:40 (35 minutes)

Primary author: , D. MacFarlane (UC San Diego, USA)

Presenter: , D. MacFarlane (UC San Diego, USA)

Session Classification: Plenary Session VII

Contribution ID: 43

Type: **not specified**

Recent progress on the LHCb experiment

Thursday, 15 July 2004 12:15 (25 minutes)

Primary author: NAKADA, Tatsuya (CERN)

Presenter: NAKADA, Tatsuya (CERN)

Session Classification: Plenary Session VII

Contribution ID: 44

Type: **not specified**

Status of BTeV experiment at the Fermilab Tevatron

Thursday, 15 July 2004 12:40 (25 minutes)

Primary author: , S. Bianco (INFN Frascati, Italy)

Presenter: , S. Bianco (INFN Frascati, Italy)

Session Classification: Plenary Session VII

Contribution ID: 45

Type: **not specified**

Jet quenching

Thursday, 15 July 2004 14:30 (20 minutes)

Primary author: , Armesto, N. (CERN, TH)

Presenter: , Armesto, N. (CERN, TH)

Session Classification: Working Session on Heavy Ions I

Contribution ID: 46

Type: **not specified**

Jet Quenching with ALICE

Thursday, 15 July 2004 14:50 (20 minutes)

Primary author: Dr MORSCH, Andreas (CERN)

Presenter: Dr MORSCH, Andreas (CERN)

Session Classification: Working Session on Heavy Ions I

Contribution ID: 47

Type: **not specified**

Heavy-Ion Physics with the ATLAS Detector

Thursday, 15 July 2004 15:10 (20 minutes)

Primary author: , L. Rosselet (University of Geneva, Switzerland)

Presenter: , L. Rosselet (University of Geneva, Switzerland)

Session Classification: Working Session on Heavy Ions I

Contribution ID: 48

Type: **not specified**

Heavy Ions with CMS

Thursday, 15 July 2004 15:30 (20 minutes)

Primary author: WYSLOUCH, Bolek (Center for Theoretical Physics)

Presenter: WYSLOUCH, Bolek (Center for Theoretical Physics)

Session Classification: Working Session on Heavy Ions I

Contribution ID: 49

Type: **not specified**

Recent B Physics Results from the Tevatron

Thursday, 15 July 2004 14:30 (35 minutes)

Primary author: , C. Blocker (Brandeis University, USA)

Presenter: , C. Blocker (Brandeis University, USA)

Session Classification: Working Session on B-Physics I

Contribution ID: 50

Type: **not specified**

Bd and Bs mixing at LHCb

Thursday, 15 July 2004 15:05 (25 minutes)

Primary author: CARRON, Benjamin (Ecole Polytechnique Federale Lausanne (EPFL))

Presenter: CARRON, Benjamin (Ecole Polytechnique Federale Lausanne (EPFL))

Session Classification: Working Session on B-Physics I

Contribution ID: 51

Type: **not specified**

LHCb sensitivity to gamma with Bs -> Ds K

Thursday, 15 July 2004 15:30 (20 minutes)

Primary author: , E. Rodrigues (CERN)

Presenter: , E. Rodrigues (CERN)

Session Classification: Working Session on B-Physics I

Contribution ID: 52

Type: **not specified**

Event characterization in ALICE

Thursday, 15 July 2004 16:20 (20 minutes)

Primary author: MONTENO, Marco (Univ. + INFN)

Presenter: MONTENO, Marco (Univ. + INFN)

Session Classification: Working Session on Heavy Ions II

Contribution ID: 53

Type: **not specified**

Studying charm production and quenching with ALICE

Thursday, 15 July 2004 16:40 (20 minutes)

Primary author: , A. Dainese (Universita degli Studi di Padova, Italy)

Presenter: , A. Dainese (Universita degli Studi di Padova, Italy)

Session Classification: Working Session on Heavy Ions II

Contribution ID: 54

Type: **not specified**

ALICE: Physics with electrons

Thursday, 15 July 2004 17:00 (20 minutes)

Primary author: , R. Schicker (University of Heidelberg, Germany)

Presenter: , R. Schicker (University of Heidelberg, Germany)

Session Classification: Working Session on Heavy Ions II

Contribution ID: 55

Type: **not specified**

Physics perspectives with the ALICE muon spectrometer

Thursday, 15 July 2004 17:20 (20 minutes)

Primary author: DUPIEUX, Pascal (Laboratoire de Physique Corpusculaire (LPC))

Presenter: DUPIEUX, Pascal (Laboratoire de Physique Corpusculaire (LPC))

Session Classification: Working Session on Heavy Ions II

Contribution ID: 56

Type: **not specified**

Quarkonia and heavy flavour detection in the CMS detector

Thursday, 15 July 2004 17:40 (20 minutes)

Primary author: KODOLOVA, Olga (Institute for Nuclear Physics)

Presenter: KODOLOVA, Olga (Institute for Nuclear Physics)

Session Classification: Working Session on Heavy Ions II

Contribution ID: 57

Type: **not specified**

Rare decays at LHCb

Thursday, 15 July 2004 17:25 (25 minutes)

Primary author: BELYAEV, Ivan (Institute for Theoretical and Experimental Physics (ITEP))

Presenter: BELYAEV, Ivan (Institute for Theoretical and Experimental Physics (ITEP))

Session Classification: Working Session on B-Physics II

Contribution ID: 58

Type: **not specified**

ATLAS and CMS B physics prospects

Thursday, 15 July 2004 17:00 (25 minutes)

Primary author: , V. Ghete (University of Innsbruck, Austria)

Presenter: , V. Ghete (University of Innsbruck, Austria)

Session Classification: Working Session on B-Physics II

Contribution ID: 59

Type: **not specified**

LHCb sensitivity to gamma with $B^0 \rightarrow D^0 K^*$ decay

Thursday, 15 July 2004 16:40 (20 minutes)

Primary author: AMATO, Sandra (Instituto de Fisica)

Presenter: AMATO, Sandra (Instituto de Fisica)

Session Classification: Working Session on B-Physics II

Contribution ID: **60**

Type: **not specified**

LHCb sensitivity to gamma with B -> hh and U-spin symmetry

Thursday, 15 July 2004 16:20 (20 minutes)

Primary author: FABBRI, Laura (Dipartimento di Fisica)

Presenter: FABBRI, Laura (Dipartimento di Fisica)

Session Classification: Working Session on B-Physics II

Contribution ID: 61

Type: **not specified**

Vienna, Time after Time: Building and Culture through the Centuries

Thursday, 15 July 2004 18:15 (1 hour)

Primary author: R. GADSDEN (Univ. of Applied Arts, Vienna)

Presenter: R. GADSDEN (Univ. of Applied Arts, Vienna)

Session Classification: Evening Lecture

Contribution ID: 62

Type: **not specified**

Status and Phenomenology of the Standard Model

Friday, 16 July 2004 09:00 (35 minutes)

Primary author: , P. Langacker (University of Pennsylvania, USA)

Presenter: , P. Langacker (University of Pennsylvania, USA)

Session Classification: Plenary Session VIII

Contribution ID: 63

Type: **not specified**

Standard Model Physics at the LHC

Friday, 16 July 2004 09:35 (35 minutes)

Primary author: MNICH, Joachim (Deutsches Elektronen Synchrotron (DESY))

Presenter: MNICH, Joachim (Deutsches Elektronen Synchrotron (DESY))

Session Classification: Plenary Session VIII

Contribution ID: 64

Type: **not specified**

Diffraction - mapping transverse structure of strong interactions

Friday, 16 July 2004 10:30 (25 minutes)

Primary author: , M. Strikman

Presenter: , M. Strikman

Session Classification: Plenary Session IX

Contribution ID: 65

Type: **not specified**

Ultrapерipheral collisions

Friday, 16 July 2004 10:55 (20 minutes)

Primary author: , K. Hencken (University of Basel, Switzerland)

Presenter: , K. Hencken (University of Basel, Switzerland)

Session Classification: Plenary Session IX

Contribution ID: 66

Type: **not specified**

Status of TOTEM

Friday, 16 July 2004 11:15 (20 minutes)

Primary author: FERRO, Fabrizio (Universita degli Studi di Genova Dipart. di Fisica)

Presenter: FERRO, Fabrizio (Universita degli Studi di Genova Dipart. di Fisica)

Session Classification: Plenary Session IX

Contribution ID: 67

Type: **not specified**

Diffractive Higgs Production

Friday, 16 July 2004 11:40 (25 minutes)

Primary author: , A. Martin (Durham, UK)

Presenter: , A. Martin (Durham, UK)

Session Classification: Working Session on Diffractive Physics

Contribution ID: **68**

Type: **not specified**

Predictions for Multi-Particle Final States

Friday, 16 July 2004 11:40 (25 minutes)

Primary author: , S. Schumann (University of Technology Dresden, Germany)

Presenter: , S. Schumann (University of Technology Dresden, Germany)

Session Classification: Working Session on SM I

Contribution ID: 69

Type: **not specified**

Central pp collisions at collider energies: triggers, final states

Friday, 16 July 2004 12:05 (25 minutes)

Primary author: , L. Frankfurt (University of Tel Aviv, Israel)

Presenter: , L. Frankfurt (University of Tel Aviv, Israel)

Session Classification: Working Session on SM I

Contribution ID: 70

Type: **not specified**

Phenomenology of beyond the SM searches

Friday, 16 July 2004 14:00 (40 minutes)

Primary author: , J. Lykken (FNAL, USA)

Presenter: , J. Lykken (FNAL, USA)

Session Classification: Plenary Session X

Contribution ID: 71

Type: **not specified**

Status of Beyond the SM Searches

Friday, 16 July 2004 14:40 (40 minutes)

Primary author: SPIROPULU, Maria (CERN)

Presenter: SPIROPULU, Maria (CERN)

Session Classification: Plenary Session X

Contribution ID: 72

Type: **not specified**

Higgsless electroweak symmetry breaking

Friday, 16 July 2004 15:45 (20 minutes)

Primary author: , C. Csaki (Cornell University, USA)

Presenter: , C. Csaki (Cornell University, USA)

Session Classification: Working Session on Beyond SM

Contribution ID: 73

Type: **not specified**

Electroweak baryon number violation and a "topological condensate"

Friday, 16 July 2004 16:05 (20 minutes)

Primary author: , S. Bass

Presenter: , S. Bass

Session Classification: Working Session on Beyond SM

Contribution ID: 74

Type: **not specified**

Higgs production at the LHC in the ADD model

Friday, 16 July 2004 16:25 (20 minutes)

Primary author: , D. Dominici (University of Florence, Italy)

Presenter: , D. Dominici (University of Florence, Italy)

Session Classification: Working Session on Beyond SM

Contribution ID: 75

Type: **not specified**

Search for Randall-Sundrum Gravitons in CMS

Friday, 16 July 2004 16:45 (20 minutes)

Primary author: COLLARD, Caroline (Ecole Polytechnique)

Presenter: COLLARD, Caroline (Ecole Polytechnique)

Session Classification: Working Session on Beyond SM

Contribution ID: 76

Type: **not specified**

Searches for extra dimensions in ATLAS

Friday, 16 July 2004 17:05 (20 minutes)

Primary author: BROCHU, Frederic (High Energy Physics Group, Cavendish Laboratory)

Presenter: BROCHU, Frederic (High Energy Physics Group, Cavendish Laboratory)

Session Classification: Working Session on Beyond SM

Contribution ID: 77

Type: **not specified**

Detection of Z' gauge bosons in the di-muon decay mode in CMS

Friday, 16 July 2004 17:25 (20 minutes)

Primary author: , V. Valuev (UC Los Angeles, USA)

Presenter: , V. Valuev (UC Los Angeles, USA)

Session Classification: Working Session on Beyond SM

Contribution ID: 78

Type: **not specified**

Prospects for leptoquark searches with ATLAS at the LHC

Friday, 16 July 2004 17:45 (20 minutes)

Primary author: MITSOU, Vaso (Instituto de Fisica Corpuscular (IFIC) UV-CSIC)

Presenter: MITSOU, Vaso (Instituto de Fisica Corpuscular (IFIC) UV-CSIC)

Session Classification: Working Session on Beyond SM

Contribution ID: 79

Type: **not specified**

Heavy Lepton Physics in ATLAS

Friday, 16 July 2004 18:05 (20 minutes)

Primary author: ALEXA, Calin (National Institute for Physics and Nuclear Engineering (IFIN-HH))

Presenter: ALEXA, Calin (National Institute for Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Working Session on Beyond SM

Contribution ID: **80**

Type: **not specified**

QCD at the Tevatron

Friday, 16 July 2004 15:45 (30 minutes)

Primary author: , M. Zielinski (Rochester, USA)

Presenter: , M. Zielinski (Rochester, USA)

Session Classification: Working Session on SM II

Contribution ID: **81**

Type: **not specified**

Measuring Gauge Boson Couplings in CMS

Friday, 16 July 2004 16:15 (20 minutes)

Primary author: OH, Alexander (CERN)

Presenter: OH, Alexander (CERN)

Session Classification: Working Session on SM II

Contribution ID: **82**

Type: **not specified**

Top at Tevatron

Friday, 16 July 2004 16:35 (25 minutes)

Primary author: I. FLECK (PRESENTED BY M. ZIELINSKI) (University of Freiburg, Germany)

Presenter: I. FLECK (PRESENTED BY M. ZIELINSKI) (University of Freiburg, Germany)

Session Classification: Working Session on SM II

Contribution ID: **83**

Type: **not specified**

Top Physics Studies in ATLAS

Friday, 16 July 2004 17:00 (20 minutes)

Primary author: MONNIER, Emmanuel (Faculte des Sciences de Luminy)

Presenter: MONNIER, Emmanuel (Faculte des Sciences de Luminy)

Session Classification: Working Session on SM II

Contribution ID: **84**

Type: **not specified**

Top quark physics at CMS

Friday, 16 July 2004 17:20 (20 minutes)

Primary author: SLABOSPITSKY, Sergey (State Res.Center of Russian Feder. Inst.f.High Energy Phys. (IFVE))

Presenter: SLABOSPITSKY, Sergey (State Res.Center of Russian Feder. Inst.f.High Energy Phys. (IFVE))

Session Classification: Working Session on SM II

Contribution ID: 85

Type: **not specified**

The Big Questions, Accelerators, Telescopes, the LHC and the Future

Saturday, 17 July 2004 09:00 (40 minutes)

Primary author: , M. Turner (NSF, Arlington, USA)

Presenter: , M. Turner (NSF, Arlington, USA)

Session Classification: Plenary Session XI

Contribution ID: **86**

Type: **not specified**

LHC physics: the first year

Saturday, 17 July 2004 09:40 (30 minutes)

Primary author: Dr GIANOTTI, Fabiola (CERN)

Presenter: Dr GIANOTTI, Fabiola (CERN)

Session Classification: Plenary Session XI

Contribution ID: 87

Type: **not specified**

The First Year of LHC: Diffractive Physics

Saturday, 17 July 2004 10:10 (20 minutes)

Primary author: Dr DEILE, MARIO (CERN, PH-TOT)

Presenter: Dr DEILE, MARIO (CERN, PH-TOT)

Session Classification: Plenary Session XI

Contribution ID: **88**

Type: **not specified**

Particle Physics alongside LHC

Saturday, 17 July 2004 11:00 (35 minutes)

Primary author: BLONDEL, Alain (Departement de Physique Nucleaire et Corpusculaire (DPNC))

Presenter: BLONDEL, Alain (Departement de Physique Nucleaire et Corpusculaire (DPNC))

Session Classification: Plenary Session XII

Contribution ID: **89**

Type: **not specified**

Concluding Talk: Revolutions and Revelations

Saturday, 17 July 2004 11:35 (55 minutes)

Primary author: , Ch. Quigg

Presenter: , Ch. Quigg

Session Classification: Plenary Session XII

Contribution ID: **90**

Type: **not specified**

Physics at LHC 2005

Saturday, 17 July 2004 12:30 (5 minutes)

Primary author: , G. Mitselmakher (University of Florida, Gainesville, USA)

Presenter: , G. Mitselmakher (University of Florida, Gainesville, USA)

Session Classification: Plenary Session XII

Contribution ID: **91**

Type: **not specified**

Welfare address

Saturday, 17 July 2004 12:35 (5 minutes)

Primary author: WULZ, Claudia (Institut fuer Hochenergiephysik (HEPHY))

Presenter: WULZ, Claudia (Institut fuer Hochenergiephysik (HEPHY))

Session Classification: Plenary Session XII

Contribution ID: 92

Type: **not specified**

Schloss Schoenbrunn

Saturday, 17 July 2004 14:00 (4 hours)

Session Classification: Guided Tours

Contribution ID: 93

Type: **not specified**

Stift Heiligenkreuz

Saturday, 17 July 2004 14:00 (4 hours)

Session Classification: Guided Tours

Contribution ID: 94

Type: **not specified**

Muon Identification and Combined Reconstruction Study in Higgs to Four Muons Physics Events with the ATLAS Detector at the LHC at CERN

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: Dr LAGOURI, Theodota (ARISTOTLE UNIVERSITY OF THESSALONIKI, NUCLEAR PHYSICS LABORATORY)

Presenter: Dr LAGOURI, Theodota (ARISTOTLE UNIVERSITY OF THESSALONIKI, NUCLEAR PHYSICS LABORATORY)

Session Classification: Poster Session I

Contribution ID: 95

Type: **not specified**

Study of the observability of an MSSM Higgs boson in the four-b final state with the CMS detector

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: GRAS, Philippe (DAPNIA)

Presenter: GRAS, Philippe (DAPNIA)

Session Classification: Poster Session I

Contribution ID: 96

Type: **not specified**

The Drift Tube Track Finder Muon Trigger at the CMS Experiment

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Ignacio Jimenez Alfaro (Universidad Autonoma de Madrid, Spain)

Presenter: , Ignacio Jimenez Alfaro (Universidad Autonoma de Madrid, Spain)

Session Classification: Poster Session I

Contribution ID: 97

Type: **not specified**

Large Extra Dimensions and the Minimal Length

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Sabine Hossenfelder (University of Arizona)

Presenter: , Sabine Hossenfelder (University of Arizona)

Session Classification: Poster Session I

Contribution ID: **98**

Type: **not specified**

Extra Gauge Bosons - Search for Z' at ATLAS

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Heidi Sandaker (University of Oslo, Norway)

Presenter: , Heidi Sandaker (University of Oslo, Norway)

Session Classification: Poster Session I

Contribution ID: 99

Type: **not specified**

W mass measurement with ATLAS

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Carlos Marques (LIP Lisbon, Portugal)

Presenter: , Carlos Marques (LIP Lisbon, Portugal)

Session Classification: Poster Session I

Contribution ID: **100**

Type: **not specified**

Top spin correlation in theory with large extra dimensions at LHC

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: ARAI, Masato (Unknown)

Presenter: ARAI, Masato (Unknown)

Session Classification: Poster Session I

Contribution ID: **101**

Type: **not specified**

Evidence for Sigma Mesons in Lattice QCD

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Motoo Sekiguchi (Kokushikan University, Japan)

Presenter: , Motoo Sekiguchi (Kokushikan University, Japan)

Session Classification: Poster Session I

Contribution ID: **102**

Type: **not specified**

Distinguishing Higgs models in $H \rightarrow \tau \nu$ / $H \rightarrow t b$

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: PENARANDA RIVAS, Siannah (Unknown)

Presenter: PENARANDA RIVAS, Siannah (Unknown)

Session Classification: Poster Session I

Contribution ID: **103**

Type: **not specified**

Cosmic Ray Studies with ALICE Detectors

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Arturo Fernandez Tellez (Autonomous University of Puebla, Mexico)

Presenter: , Arturo Fernandez Tellez (Autonomous University of Puebla, Mexico)

Session Classification: Poster Session I

Contribution ID: **104**

Type: **not specified**

LHC and the anomalous couplings of vector boson scattering

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Qui-Shu Yan (KEK, Japan)

Presenter: , Qui-Shu Yan (KEK, Japan)

Session Classification: Poster Session I

Contribution ID: **105**

Type: **not specified**

SUSY Studies with Snowmass Point 5 mSUGRA Parameters

Wednesday, 14 July 2004 10:30 (20 minutes)

Primary author: , Iris Borjanovic (Institute of Physics, Belgrade, Serbia and Montenegro)

Presenter: , Iris Borjanovic (Institute of Physics, Belgrade, Serbia and Montenegro)

Session Classification: Poster Session I

Contribution ID: **106**

Type: **not specified**

Heavy Charged MSSM Higgs Bosons in the H^{\pm} to $t\bar{b}$ Decay in CMS

Wednesday, 14 July 2004 10:25 (20 minutes)

Primary author: LOWETTE, Steven (Vrije Universiteit Brussel (VUB))

Presenter: LOWETTE, Steven (Vrije Universiteit Brussel (VUB))

Session Classification: Poster Session I