

LHC students poster session

Report of Contributions

Contribution ID: 0

Type: **not specified**

Measurement of the J/psi cross section in the dimuon channel with the ALICE experiment at LHC

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: BOYER, Bruno Alexandre (Institut de Physique Nucleaire (IPN)-Universite de Paris-Sud (Pa))

Session Classification: ALICE

Contribution ID: 1

Type: **not specified**

D0 production in pp collisions at $\sqrt{s}=7$ TeV and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV/NN with the ALICE detector

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: CAFFARRI, Davide (Universita degli Studi di Padova-Universita & INFN, Padova-Unkn)

Session Classification: ALICE

Contribution ID: 2

Type: **not specified**

Electron reconstruction and identification with ATLAS and W/Z cross sections

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: BERGLUND, Elina Frida (Dept. de Phys. Nucl. et Corpuscul. (DPNC)-Universite de Geneve-U)

Session Classification: ATLAS

Contribution ID: 3

Type: **not specified**

A Level 1 Tracking Trigger for the CMS Experiment at the LHC Phase 2 Luminosity Upgrade

Wednesday 23 March 2011 17:15 (35 minutes)

Presenters: BISELLO, Dario (Dipartimento di Fisica Galileo Galilei); MANNELLI, Marcello (CERN); BACCHETTA, Nicola (Univ. + INFN); POZZOBON, Nicola (Universita degli Studi di Padova-Universita & INFN, Padova-Unkn)

Session Classification: CMS

Contribution ID: 4

Type: **not specified**

Measurement of the Top Mass in pp Collisions at 7 TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: AVETISYAN, Aram (Department of Physics-Brown University)

Session Classification: CMS

Contribution ID: 5

Type: **not specified**

Data-driven Prediction of Invisible Z Background using Photons for Inclusive Jets plus Missing Momentum New Physics Search

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: VERWILLIGEN, Piet (Universiteit Gent)

Session Classification: CMS

Contribution ID: 6

Type: **not specified**

2010 ATLAS Detector Performance I

Wednesday 23 March 2011 16:45 (30 minutes)

Presenters: HARPER, Devin (University of Michigan); STAHLMAN, Jonathan Mark (University of Pennsylvania-Unknown-Unknown)

Session Classification: ATLAS

Contribution ID: 7

Type: **not specified**

Searches for Supersymmetry in hadronic events with the CMS detector

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: DAGNOLO, Raffaele Tito (SNS Pisa and INFN Pisa)

Session Classification: CMS

Contribution ID: 8

Type: **not specified**

Optimization and calibration of the LHCb tagging performances using 2010 data

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: MAURICE, Emilie Amandine (Universite d'Aix - Marseille II-Unknown-Unknown)

Session Classification: LHCb

Contribution ID: 9

Type: **not specified**

Measuring the b-tagging Performance with ATLAS Data

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: HIRSCH, Florian (Technische Universität Dortmund)

Session Classification: ATLAS

Contribution ID: **10**

Type: **not specified**

Measurement of identified hadron spectra with the ALICE experiment at the LHC

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: MILANO, Leonardo (Universita degli Studi di Torino-Universita e INFN)

Session Classification: ALICE

Contribution ID: **11**

Type: **not specified**

Measurement of the Luminosity by the ATLAS Experiment

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: MAETTIG, Stefan (Univ. of Hamburg/CERN)

Session Classification: ATLAS

Contribution ID: 12

Type: **not specified**

W and Z Production at LHCb

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: BARTER, William James (University of Cambridge)

Session Classification: LHCb

Contribution ID: 13

Type: **not specified**

Search for heavy gauge bosons decaying to leptons with ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: METE, Alaettin Serhan (Iowa State University/Brookhaven National Laboratory)

Session Classification: ATLAS

Contribution ID: 14

Type: **not specified**

Preliminary studies with the TOTEM T2 Detector

Wednesday 23 March 2011 18:20 (20 minutes)

Presenter: BERRETTI, Mirko (INFN Sezione di Pisa (INFN))

Session Classification: TOTEM

Contribution ID: 15

Type: **not specified**

**First observation of the decay $B_s^0 \rightarrow D^0 K^{*0}$ and
measurement of the ratio of branching fractions
 $BR(B_s^0 \rightarrow D^0 K^{*0})/BR(B_d^0 \rightarrow D^0 \rho^0)$ with the LHCb
experiment at $s = 7$ TeV**

Wednesday 23 March 2011 17:50 (20 minutes)

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

Session Classification: LHCb

Contribution ID: 16

Type: **not specified**

J/Psi Suppression and Z Boson Production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: MAIANI, Camilla (Universita di Roma I 'La Sapienza'-Universita e INFN, Roma I)

Session Classification: ATLAS

Contribution ID: 17

Type: **not specified**

Upsilon production cross section in pp collisions at $\sqrt{s} = 7$ TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: HU, Zhen (Purdue University)

Session Classification: CMS

Contribution ID: **18**

Type: **not specified**

ATLAS Distributed Computing

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: SCHOVANCOVA, Jaroslava (Institute of Physics - Acad. of Sciences of the Czech Rep. (ASCR))

Session Classification: ATLAS

Contribution ID: **19**

Type: **not specified**

Rates of Jets Produced in Association with W and Z Bosons

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: GROGG, Kira (UW-Madison)

Session Classification: CMS

Contribution ID: 20

Type: **not specified**

Measurement of $B\bar{B}$ Angular Correlations based on Secondary Vertex Reconstruction at 7 TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: WEHRLI, Lukas (Institut fuer Teilchenphysik-Eidgenossische Tech. Hochschule Zue)

Session Classification: CMS

Contribution ID: 21

Type: **not specified**

Exclusive B-hadron decays in proton-proton collisions

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: NOMIDIS, Ioannis (Department of Nuclear Physics-Aristotle Univ. of Thessaloniki-Un)

Session Classification: ATLAS

Contribution ID: 22

Type: **not specified**

Comparison of the beam position analysis by LHCf with the LHC BPM data

Wednesday 23 March 2011 18:10 (10 minutes)

Presenter: Dr NODA, Koji (INFN, Sezione di Catania)

Session Classification: LHCf

Contribution ID: 23

Type: **not specified**

Measurement of the Drell-Yan Cross Section in pp collisions at 7 TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: KYPREOS, Theodore Nicholas (Department of Physics-University of Florida)

Session Classification: CMS

Contribution ID: 24

Type: **not specified**

Jet Physics with ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: VUJICIC, Miroslav (Carleton University-Unknown-Unknown)

Session Classification: ATLAS

Contribution ID: 25

Type: **not specified**

Search for stable hadronising squarks and gluinos with ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: OHM, Christian (Department of Physics-Stockholm University-Unknown)

Session Classification: ATLAS

Contribution ID: 26

Type: **not specified**

Performance of the Muon Identification with the Atlas Detector in 2010 LHC pp Collision Data

Wednesday 23 March 2011 16:45 (30 minutes)

Presenters: CAPRIOTTI, Daniele (Max-Planck-Institut fuer Physik-Unknown-Unknown); VAN DER POEL, Egge (NIKHEF); MOUNTRICHA, Eleni (Physics Department-National Technical Univ. of Athens/ CEA-Saclay); CASTANEDA MIRANDA, Elizabeth (Department of Physics-University of Wisconsin); LE MENEDEU, Eve (CEA-Saclay); COLON, German (University of Massachusetts); LIU, Jianbei (University of Michigan); OTTERSBACH, John Philip; KESSOKU, Kohei (Department of Particle Physics-University of Tokyo-Unknown); SCHMIEDEN, Kristof (University of Bonn); LIU, Lulu (University of Michigan); VANADIA, Marco (Max Planck Institut); RUCKSTUHL, Nicole Manuela (Vakgroep Hoge-Energiefysica-NIKHEF-Unknown)

Session Classification: ATLAS

Contribution ID: 27

Type: **not specified**

Mean transverse momentum, multiplicity and their correlation in pp collisions in string fusion model

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: LAKOMOV, Igor (St. Petersburg State University)

Session Classification: ALICE

Contribution ID: 28

Type: **not specified**

Trigger Performance of the ALICE Silicon Pixel Detector

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: ALTINI, Valerio (Università & INFN, Bari Italy)

Session Classification: ALICE

Contribution ID: 29

Type: **not specified**

ATLAS Detector Upgrade Plans

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: BOUSSON, Nicolas (Centre de Physique des Particules de Marseille (CPPM)-Universite)

Session Classification: ATLAS

Contribution ID: 30

Type: **not specified**

**Measurement of the relative yields of the decay
modes $B_{d,s} \rightarrow D^{\pm}(s) \pi^{\mp}$ and $B_{d,s} \rightarrow D^{\pm}(s) K^{\pm}$ and
determination of f_d/f_s for 7 TeV pp collisions**

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: MORAWSKI, Piotr (Henryk Niewodniczanski Institute for Nuclear Physics)

Session Classification: LHCb

Contribution ID: 31

Type: **not specified**

First Measurement of Polarization of High Transverse Momentum W Bosons in W+jets Events at a pp Collider

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: SPARROW, Alex

Session Classification: CMS

Contribution ID: 32

Type: **not specified**

Measurement of Top Quark Properties at ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: GUINDON, Stefan (II Physik, Georg-August-Universität Göttingen)

Session Classification: ATLAS

Contribution ID: 33

Type: **not specified**

Mean Charge Multiplicity and Transverse Structure of Hadronic Jets in pp Collisions at 7 TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: LYCHKOVSKAYA, Natalia (ITEP, Moscow)

Session Classification: CMS

Contribution ID: 34

Type: **not specified**

Tau Reconstruction and Identification Performance at ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: KRAUS, Jana (University of Bonn)

Session Classification: ATLAS

Contribution ID: 35

Type: **not specified**

Upsilon and double J/psi production at LHCb

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: FROSINI, Maddalena (Universita di Firenze-Universita e INFN)

Session Classification: LHCb

Contribution ID: 36

Type: **not specified**

B-tagging in CMS

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: FERRO, Cristina (IPHC Strasbourg, France)

Session Classification: CMS

Contribution ID: 37

Type: **not specified**

J/ ψ cross-section production and B-fraction

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: AMRAM, Nir (Tel Aviv University)

Session Classification: ATLAS

Contribution ID: **38**

Type: **not specified**

ATLAS Inner Detector alignment

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: LACUESTA MIQUEL, Vicente (Instituto de Fisica Corpuscular (IFIC) - Universidad de Valencia)

Session Classification: ATLAS

Contribution ID: 39

Type: **not specified**

Prompt Calibration, Assessment of Data Quality and Data Processing

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: ODA, Susumu (ICEPP, University of Tokyo)

Session Classification: ATLAS

Contribution ID: 40

Type: **not specified**

Recent ATLAS Detector Improvements

Wednesday 23 March 2011 16:45 (30 minutes)

Presenters: DE NOOIJ, Lucie (NIKHEF); JAKOBSEN, Sune

Session Classification: ATLAS

Contribution ID: 41

Type: **not specified**

Diffraction studies at ALICE

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: CANOA ROMAN, Veronica (CINVESTAV)

Session Classification: ALICE

Contribution ID: 42

Type: **not specified**

Anisotropic Flow of Decaying Particles in ALICE

Wednesday 23 March 2011 16:30 (15 minutes)

Presenters: PEREZ LARA, Carlos Eugenio (NIKHEF); CRISTIAN GEORGE, Ivan (Department of Sub-atomic Physics - Universiteit Utrecht); DEBSKI, Pawel Rafal (Warsaw University of Technology)

Session Classification: ALICE

Contribution ID: 43

Type: **not specified**

Background Studies for Jet Reconstruction in Heavy-Ion Collisions

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: VERWEIJ, Marta (Department of Subatomic Physics-Utrecht University)

Session Classification: ALICE

Contribution ID: 44

Type: **not specified**

Study of diffractive processes in minimum-bias events at the LHC

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: Mr VILELA PEREIRA, Antonio (Università degli Studi di Torino/INFN Torino)

Session Classification: CMS

Contribution ID: 45

Type: **not specified**

Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: KHOO, Teng Jian (Dept. of Physics, Cavendish Lab.-University of Cambridge)

Session Classification: ATLAS

Contribution ID: 46

Type: **not specified**

Observation of asymmetric dijets in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: RYBAR, Martin (Faculty of Mathematics and Physics-Charles University-Unknown)

Session Classification: ATLAS

Contribution ID: 47

Type: **not specified**

Z- \rightarrow tautau production at CMS

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: CALABRIA, Cesare (Università & INFN, Bari)

Session Classification: CMS

Contribution ID: 48

Type: **not specified**

Search for the SM and MSSM Higgs boson(s) with ATLAS 2010 data

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: YUAN, Li (LPNHE Paris and IHEP Beijing)

Session Classification: ATLAS

Contribution ID: 49

Type: **not specified**

Search for the Neutral MSSM Higgs Boson Production via Decays to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: SWANSON, Joshua (University of Wisconsin)

Session Classification: CMS

Contribution ID: 50

Type: **not specified**

Jet calibration at ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: CAMACHO TORO, Reina Coromoto (Laboratoire de Physique Corpusculaire (LPC))

Session Classification: ATLAS

Contribution ID: 51

Type: **not specified**

Searches for New Physics in Photon Final States with ATLAS

Wednesday 23 March 2011 16:45 (30 minutes)

Presenter: WANG, Haichen (University of Wisconsin-Madison)

Session Classification: ATLAS

Contribution ID: 52

Type: **not specified**

D+ and D+s production in p-p collisions at $\sqrt{s}=7$ TeV and Pb-Pb collisions at $\sqrt{s} = 2.76$ A TeV in the ALICE detector

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: INNOCENTI, Gian Michele (University & INFN, Torino, Italy)

Session Classification: ALICE

Contribution ID: 53

Type: **not specified**

Measurement of Heavy Flavour Production via Single Muons with ALICE

Wednesday 23 March 2011 16:30 (15 minutes)

Presenter: ZHANG, Xiaoming (LPC, Clermont-Ferrand, France)

Session Classification: ALICE

Contribution ID: 54

Type: **not specified**

Measurement of the Lepton Charge Asymmetry in $pp \rightarrow W + X$ production at LHC

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: BENDAVID, Josh (Laboratory for Nuclear Science (LNS)-Massachusetts Inst. of Tech)

Session Classification: CMS

Contribution ID: 55

Type: **not specified**

Measurement of the $T\bar{T}$ cross-section at CMS with 36 pb of data in the electron+jets channel with b-tagging

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: MARTIN, William Patrick (Detector Development Group-Dept. Elec. Engin. & Electronics-Brun)

Session Classification: CMS

Contribution ID: 56

Type: **not specified**

Measurement of the Isolated Prompt Photon Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: AHUJA, Sudha (Cen. Detect. & Related Softw. Tech. (CDRST)-Department of Physic)

Session Classification: CMS

Contribution ID: 57

Type: **not specified**

2010 ATLAS Detector Performance II

Wednesday 23 March 2011 16:45 (30 minutes)

Presenters: Mr CALKINS, Robert (Northern Illinois University/NICADD); ARFAOUI, Samir (CERN)

Session Classification: ATLAS

Contribution ID: 58

Type: **not specified**

Direct CP-asymmetries in $B_0 \rightarrow K\pi$ and $B_s \rightarrow \pi K$ decays at LHCb

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: PERAZZINI, Stefano (INFN, Sezione di Bologna-Universita & INFN, Bologna-Unknown)

Session Classification: LHCb

Contribution ID: 59

Type: **not specified**

Analysis of the $Z \rightarrow l+l^-$ polarization at CMS

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: TRAN, Nhan Viet (Rowland Dept. of Phys. and Astron.-Johns Hopkins University-Unkn)

Session Classification: CMS

Contribution ID: **60**

Type: **not specified**

Missing Transverse Energy Significance

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: KHUKHUNAISHVILI, Aleko (Cornell University)

Session Classification: CMS

Contribution ID: **61**

Type: **not specified**

Performances of Tau Reconstruction in CMS

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: Mr BIANCHINI, Lorenzo (CMS)

Session Classification: CMS

Contribution ID: 62

Type: **not specified**

Measurement of Bose–Einstein Correlations in pp Collisions at $\sqrt{s}=0.9$ and 7 TeV

Wednesday 23 March 2011 17:15 (35 minutes)

Presenter: PERROZZI, Luca (Universita' degli Studi & INFN sez.Padova)

Session Classification: CMS

Contribution ID: 63

Type: **not specified**

**Measurement of the inclusive dijet production rate,
as a function of the dijet invariant mass, with the
CMS detector in proton-proton collisions at
 $\sqrt{s}=7\text{TeV}$**

Wednesday 23 March 2011 17:15 (35 minutes)

Presenters: ISILDAK, Bora (Department of Physics-Bogazici University-Istanbul); RABBERTZ, Klaus (KIT); KOUSOURIS, Konstantinos (Fermilab); SAOULIDOU, Niki (Fermi National Accelerator Laboratory)

Session Classification: CMS

Contribution ID: 64

Type: **not specified**

Measurement of Bs mixing frequency Δm_s at LHCb

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: WANDERNOTH, Sebastian (Physikalisches Institut-Ruprecht-Karls-Universitaet Heidelberg-U)

Session Classification: LHCb

Contribution ID: 65

Type: **not specified**

Measurement of the polarization amplitudes of the decay $B_d \rightarrow J/\Psi K^*$

Wednesday 23 March 2011 17:50 (20 minutes)

Presenter: LINN, Christian Peter (Physikalisches Institut-Ruprecht-Karls-Universitaet Heidelberg-U)

Session Classification: LHCb