

**LHC students poster session**

# **Report of Contributions**

Contribution ID: 80

Type: **not specified**

## **Measurement of the muon charge asymmetry in inclusive $pp \rightarrow W + X$ production at 7 TeV.**

*Wednesday 13 March 2013 17:01 (1 minute)*

**Presenter:** GHOSH, Saranya Samik (Tata Inst. of Fundamental Research (IN))

**Session Classification:** EW gauge bosons

Contribution ID: **81**

Type: **not specified**

## **ZZ cross-section measurement and limits on anomalous neutral triple gauge couplings.**

*Wednesday 13 March 2013 17:02 (1 minute)*

**Presenter:** PERNIE, Luca (Universite Libre de Bruxelles (BE))

**Session Classification:** EW gauge bosons

Contribution ID: 82

Type: **not specified**

## **Measurement of the $W \rightarrow \mu\nu + bb$ Cross Section with the CMS detector.**

*Wednesday 13 March 2013 17:03 (1 minute)*

**Presenter:** OJALVO, Isabel (University of Wisconsin (US))

**Session Classification:** EW gauge bosons

Contribution ID: 83

Type: **not specified**

# **Probing $Z/\gamma^*$ boson transverse momentum with angular correlations in Drell-Yan lepton pairs in ATLAS**

*Wednesday 13 March 2013 17:04 (1 minute)*

**Session Classification:** EW gauge bosons

Contribution ID: **84**

Type: **not specified**

## Recent Dibosons Results from ATLAS

*Wednesday 13 March 2013 17:05 (1 minute)*

**Presenters:** MANJARRES RAMOS, Joany Andreina (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR)); KOUSKOURA, Vasiliki (Aristotle Univ. of Thessaloniki (GR))

**Session Classification:** EW gauge bosons

Contribution ID: 87

Type: **not specified**

## Studies of soft diffraction with TOTEM at the LHC

*Wednesday 13 March 2013 17:00 (1h 59m)*

**Presenter:** OLJEMARK, Fredrik (Helsinki Institute of Physics (FI))

**Session Classification:** Jets and QCD studies

Contribution ID: **88**

Type: **not specified**

# **LHCf measurements of neutron production at large rapidity**

*Wednesday 13 March 2013 17:00 (1h 59m)*

**Presenter:** KENTARO, Kawade

**Session Classification:** Jets and QCD studies



Contribution ID: 89

Type: **not specified**

## **Measurement of the 3-jet mass cross section and extraction of $\alpha_s$ .**

*Wednesday 13 March 2013 17:00 (1h 59m)*

**Presenter:** STOBER, Fred (KIT - Karlsruhe Institute of Technology (DE))

**Session Classification:** Jets and QCD studies

Contribution ID: **90**

Type: **not specified**

# Direct photon production in 7 TeV pp collisions in ATLAS

*Wednesday 13 March 2013 17:00 (1h 59m)*

**Presenters:** NORBERG, Scarlet; NORBERG, Scarlet Rachel (University of Oklahoma (US))

**Session Classification:** Jets and QCD studies

Contribution ID: **91**

Type: **not specified**

## **Multi-strange baryon production in Pb-Pb collisions at the LHC with ALICE**

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** COLELLA, Domenico (Universita e INFN (IT))

**Session Classification:** Heavy Ion collisions

Contribution ID: 92

Type: **not specified**

## **Transverse Momentum Distributions of Identified Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV and p-Pb Collisions at $\sqrt{s} = 5.02$ TeV in ALICE**

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** ANIELSKI, Jonas (Westfaelische Wilhelms-Universitaet Muenster (DE))

**Session Classification:** Heavy Ion collisions

Contribution ID: 93

Type: **not specified**

## **(Anti-)matter and hyper-matter production at the LHC with ALICE**

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** MARTIN, Nicole Alice (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

**Session Classification:** Heavy Ion collisions

Contribution ID: 94

Type: **not specified**

## **Measurement of full jet pT spectra in 2.76 TeV pp and Pb-Pb collisions with the ALICE detector**

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** AIOLA, Salvatore (Lawrence Berkeley National Lab. (US))

**Session Classification:** Heavy Ion collisions

Contribution ID: 95

Type: **not specified**

# Photoproduction in Pb-Pb collisions with ALICE at the LHC

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** AGOSTINELLI, Andrea (Universita e INFN (IT))

**Session Classification:** Heavy Ion collisions

Contribution ID: 96

Type: **not specified**

# Jet measurements in heavy ion collisions with CMS

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** GULHAN, Doga Can (Massachusetts Inst. of Technology (US))

**Session Classification:** Heavy Ion collisions



Contribution ID: 97

Type: **not specified**

## **Electroweak measurements in heavy ion collisions with CMS.**

*Wednesday 13 March 2013 17:02 (1h 57m)*

**Presenter:** GARDNER, Michael (University of California Davis (US))

**Session Classification:** Heavy Ion collisions

Contribution ID: 98

Type: **not specified**

## Measurements of b hadron masses

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** MARKI, Raphael (Ecole Polytechnique Federale de Lausanne (CH))

**Session Classification:** Physics of heavy flavours

Contribution ID: 99

Type: **not specified**

## Search for the rare decays $D \rightarrow h\mu\mu$ at LHCb

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** GREENING, Ed (University of Oxford (GB))

**Session Classification:** Physics of heavy flavours

Contribution ID: **100**

Type: **not specified**

## Search for CP violation in $D \rightarrow 4h$ decays

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** COOMBES, Matt (University of Bristol (GB))

**Session Classification:** Physics of heavy flavours

Contribution ID: **101**

Type: **not specified**

## First evidence for the decay $B_s \rightarrow \mu\mu$

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** TOLK, Siim (NIKHEF (NL))

**Session Classification:** Physics of heavy flavours

Contribution ID: **102**

Type: **not specified**

## **Study of CP asymmetry in $B^0 \rightarrow K^* \mu \mu$**

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** WRIGHT, Simon Robert Magee (University of Cambridge (GB))

**Session Classification:** Physics of heavy flavours

Contribution ID: **103**

Type: **not specified**

## **Measurement of the decay-time-evolution of $B_s \rightarrow J/\psi \phi$ decays**

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** SYROPOULOS, Vasileios (NIKHEF (NL))

**Session Classification:** Physics of heavy flavours

Contribution ID: **104**

Type: **not specified**

## **LHCb results on B meson mixing**

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenters:** MEIER, Frank; EITSCHBERGER, Ulrich Paul (Technische Universitaet Dortmund (DE))

**Session Classification:** Physics of heavy flavours



Contribution ID: **105**

Type: **not specified**

## Measurement of gamma from B->DK decays

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** HUSSAIN, Nazim (University of Oxford (GB))

**Session Classification:** Physics of heavy flavours

Contribution ID: **106**

Type: **not specified**

## Charmless B-> 3-body decays at LHCb

*Wednesday 13 March 2013 17:03 (1h 57m)*

**Presenter:** PRISCIANDARO, Jessica (Ecole Polytechnique Federale de Lausanne (CH))

**Session Classification:** Physics of heavy flavours

Contribution ID: **107**

Type: **not specified**

# **Azimuthal angular correlation between heavy-flavour decay electrons and charged hadrons in pp collisions at $\sqrt{s} = 2.76$ TeV in ALICE**

*Wednesday 13 March 2013 17:07 (1 minute)*

**Presenter:** THOMAS, Deepa (University of Utrecht (NL))

**Session Classification:** Production of heavy quarks

Contribution ID: **108**

Type: **not specified**

## **Quarkonium measurements in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ALICE Muon Spectrometer**

*Wednesday 13 March 2013 17:08 (1 minute)*

**Presenter:** VALENCIA PALOMO, Lizardo (Universite de Paris-Sud 11 (FR))

**Session Classification:** Production of heavy quarks

Contribution ID: **109**

Type: **not specified**

## **Measurement of J/Psi -> e+e- Production in Pb-Pb Collisions at sqrt(s)=2.76 TeV in ALICE at the LHC**

*Wednesday 13 March 2013 17:09 (1 minute)*

**Presenter:** BOOK, Julian (Johann-Wolfgang-Goethe Univ. (DE))

**Session Classification:** Production of heavy quarks

Contribution ID: **110**

Type: **not specified**

## **Measurement of D meson azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with ALICE**

*Wednesday 13 March 2013 17:10 (1 minute)*

**Presenter:** FESTANTI, Andrea (Universita e INFN (IT))

**Session Classification:** Production of heavy quarks

Contribution ID: 111

Type: **not specified**

## Full Reconstruction of B Mesons with the ALICE Inner Tracker Upgrade

*Wednesday 13 March 2013 17:11 (1 minute)*

**Presenter:** STILLER, Johannes Hendrik (Ruprecht-Karls-Universitaet Heidelberg (DE))

**Session Classification:** Production of heavy quarks

Contribution ID: 112

Type: **not specified**

## Quarkonia production at LHCb

*Wednesday 13 March 2013 17:12 (1 minute)*

**Presenter:** COOK, Andrew David (University of Bristol (GB))

**Session Classification:** Production of heavy quarks



Contribution ID: 113

Type: **not specified**

## Measurement of the $B^+$ meson production cross section at high $p_T$ with the ATLAS detector

*Wednesday 13 March 2013 17:13 (1 minute)*

**Presenter:** NOMIDIS, Ioannis (Aristotle Univ. of Thessaloniki (GR))

**Session Classification:** Production of heavy quarks

Contribution ID: **114**

Type: **not specified**

## Top quark physics

Contribution ID: **115**

Type: **not specified**

# Combination of CMS Results on the Mass of the Top Quark

*Wednesday 13 March 2013 17:04 (1h 56m)*

**Presenter:** GARCIA, Guillaume (Ghent University (BE))

**Session Classification:** Top quark physics

Contribution ID: **116**

Type: **not specified**

## **Towards a Measurement of Spin Correlation of $t\bar{t}$ bar Events at CMS using a Matrix Element Method**

*Wednesday 13 March 2013 17:04 (1h 55m)*

**Presenter:** BEERNAERT, Kelly (Ghent University (BE))

**Session Classification:** Top quark physics

Contribution ID: **117**

Type: **not specified**

## **Measurement of differential top-quark pair production cross sections**

*Wednesday 13 March 2013 17:04 (1h 56m)*

**Presenter:** ASIN CRUZ, Ivan (Deutsches Elektronen-Synchrotron (DE))

**Session Classification:** Top quark physics

Contribution ID: **118**

Type: **not specified**

## **Evidence for associated production of a single top quark and W boson in pp collisions at a center-of-mass energy of 7 TeV with the CMS experiment**

*Wednesday 13 March 2013 17:04 (1h 55m)*

**Presenter:** NOONAN, Daniel (University of Kansas (US))

**Session Classification:** Top quark physics

Contribution ID: **119**

Type: **not specified**

## **Measurement of the t-channel single top production cross section and the charge asymmetry at CMS**

*Wednesday 13 March 2013 17:04 (1h 56m)*

**Presenter:** ROCKER, Steffen (KIT - Karlsruhe Institute of Technology (DE))

**Session Classification:** Top quark physics

Contribution ID: 120

Type: **not specified**

## **A study of heavy flavor quarks produced in association with top quark pairs at $\sqrt{s} = 7$ TeV**

*Wednesday 13 March 2013 17:04 (1h 55m)*

**Presenter:** WALL, Richard Arthur

**Session Classification:** Top quark physics



Contribution ID: **121**

Type: **not specified**

## **Search for CP violation in single top quark events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector**

*Wednesday 13 March 2013 17:04 (1h 56m)*

**Presenter:** MORENO LLACER, Maria (Universidad de Valencia (ES))

**Session Classification:** Top quark physics

Contribution ID: 122

Type: **not specified**

## Properties determination of the newly-discovered boson with $H \rightarrow \gamma\gamma$ decay

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** MOTT, Alex (California Institute of Technology (US))

**Session Classification:** Higgs studies

Contribution ID: **123**

Type: **not specified**

## **Search for SM Higgs Boson Production in the Dimuon Final State**

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** HUGON, Justin (University of Florida (US))

**Session Classification:** Higgs studies

Contribution ID: 124

Type: **not specified**

**Observation of a new boson in the search for the  
standard model Higgs boson in the  $H \rightarrow ZZ \rightarrow 4\ell$   
channel in pp collisions at  $\sqrt{s} = 7$  and 8 TeV with the  
CMS detector**

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** CASASSO, Stefano (Universita e INFN (IT))

**Session Classification:** Higgs studies

Contribution ID: 125

Type: **not specified**

## Search for the Standard Model Higgs Boson decaying to Bottom Quarks

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** BORTIGNON, Pierluigi (Eidgenoessische Tech. Hochschule Zuerich (CH))

**Session Classification:** Higgs studies

Contribution ID: 126

Type: **not specified**

## **Search for the standard model Higgs boson decaying to tau pairs produced in association with a W or Z boson**

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** CAILLOL, Cecile Sarah (Universite Libre de Bruxelles (BE))

**Session Classification:** Higgs studies

Contribution ID: **127**

Type: **not specified**

## Search for H- $\rightarrow$ tautau at LHCb

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** ILTEN, Philip James (University College Dublin (IE))

**Session Classification:** Higgs studies

Contribution ID: **128**

Type: **not specified**

## **Search for the MSSM Higgs bosons with the ATLAS detector**

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** MADSEN, Alexander (Uppsala University (SE))

**Session Classification:** Higgs studies



Contribution ID: **129**

Type: **not specified**

# **Observation of the new Higgs-like particle in the four lepton decay channel with the ATLAS detector**

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** XIANGYANG

**Session Classification:** Higgs studies

Contribution ID: 130

Type: **not specified**

## Combination of the searches for the low mass Standard Model Higgs boson with the ATLAS detector

*Wednesday 13 March 2013 17:05 (1h 54m)*

**Presenter:** GABRIELLI, Andrea (Universita e INFN, Roma I (IT))

**Session Classification:** Higgs studies

Contribution ID: **131**

Type: **not specified**

## **Search for new physics in final states with a charged lepton and missing transverse energy**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** OLSCHIEWSKI, Mark (Rheinisch-Westfaelische Tech. Hoch. (DE))

**Session Classification:** BSM searches

Contribution ID: **132**

Type: **not specified**

## **Search for New Physics Using Boosted Top Quarks in the All-Hadronic Channel**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** PILOT, Justin (University of California Davis (US))

**Session Classification:** BSM searches

Contribution ID: 133

Type: **not specified**

## Search for an excited quark decaying to a top quark plus gluon

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** WANG, Ta-Wei (National Taiwan University (TW))

**Session Classification:** BSM searches

Contribution ID: 134

Type: **not specified**

## Search for tb resonances

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** SPERKA, David (Boston University (US))

**Session Classification:** BSM searches

Contribution ID: 135

Type: **not specified**

## **Inclusive search for squarks and gluinos with razor variables**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** DUARTE, Javier Mauricio (California Institute of Technology (US))

**Session Classification:** BSM searches

Contribution ID: 136

Type: **not specified**

## **SUSY search with two same-sign leptons and jets with the ATLAS detector using 21 fb-1 of pp collisions at 8TeV**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenters:** HULUBEI, Horia; DUCU, Otilia Anamaria (Horia Hulubei National Institute of Physics and Nuclear Enginee)

**Session Classification:** BSM searches



Contribution ID: 137

Type: **not specified**

## **Search for top squark pair production in fully hadronic events using 21 fb<sup>-1</sup> of 8 TeV pp collisions with the ATLAS detector**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** UNGARO, Francesca (Albert-Ludwigs-Universitaet Freiburg (DE))

**Session Classification:** BSM searches

Contribution ID: **138**

Type: **not specified**

## Overview and recent results on the search for top squark production with the ATLAS detector

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenters:** ROSBACH, Kilian (Universite de Geneve (CH)); BRAZZALE, Simone Federico (Universita degli Studi di Udine (IT))

**Session Classification:** BSM searches

Contribution ID: 139

Type: **not specified**

## **Search for high-mass dilepton resonances in 20/fb of pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** RAVE, Stefan (Johannes-Gutenberg-Universitaet Mainz (DE))

**Session Classification:** BSM searches

Contribution ID: 140

Type: **not specified**

# **Search for New Phenomena in Monojet plus Missing Transverse Momentum Final States with the ATLAS detector at the LHC**

*Wednesday 13 March 2013 17:06 (1h 53m)*

**Presenter:** GRAMLING, Johanna (Universite de Geneve (CH))

**Session Classification:** BSM searches

Contribution ID: **141**

Type: **not specified**

## **Reference cross section measurements in pp and Pb-Pb collisions at the LHC with the ALICE detector**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** LEOGRANDE, Emilia (Universita e INFN (IT))

**Session Classification:** Physics performance et al

Contribution ID: **142**

Type: **not specified**

## **A GEM-based readout for the ALICE TPC**

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** HOENLE, Andreas

**Session Classification:** Physics performance et al

Contribution ID: 143

Type: **not specified**

# **LHC Optics Determination with Proton Tracks Measured in the Roman Pot Detectors of the TOTEM Experiment**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** NEMES, Frigyes Janos (Hungarian Academy of Sciences (HU))

**Session Classification:** Physics performance et al

Contribution ID: 144

Type: **not specified**

## Fast Simulation in CMS detector

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** PRIMAVERA, Federica (Universita e INFN (IT))

**Session Classification:** Physics performance et al



Contribution ID: 145

Type: **not specified**

## **ECAL calibration and energy scale and resolution for electrons and photons**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenters:** MOTT, Alex (California Institute of Technology (US)); PENA HERRERA, Cristian Ignacio (California Institute of Technology (US))

**Session Classification:** Physics performance et al

Contribution ID: 146

Type: **not specified**

# High Level Trigger development in CMS with OpenHLT

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** DEMIRAGLI, Zeynep (Brown University (US))

**Session Classification:** Physics performance et al

Contribution ID: **147**

Type: **not specified**

# Tracking performance in CMS high level trigger system

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** GORI, Valentina (Universita e INFN (IT))

**Session Classification:** Physics performance et al

Contribution ID: **148**

Type: **not specified**

## Flavour tagging at LHCb

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** FALABELLA, Antonio (Universita di Ferrara (IT))

**Session Classification:** Physics performance et al

Contribution ID: **149**

Type: **not specified**

## Photon efficiency in ATLAS

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** LIU, Kun (Univ. of Science & Tech. of China (CN) and LPNHE Paris)

**Session Classification:** Physics performance et al

Contribution ID: **150**

Type: **not specified**

## **Performance of Tau Reconstruction and Identification in 2012 with ATLAS**

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** TUNA, Alexander Naip (University of Pennsylvania (US))

**Session Classification:** Physics performance et al

Contribution ID: **151**

Type: **not specified**

## **Developments of a fast and flexible large-scale simulation for ATLAS**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** RITSCH, Elmar (University of Innsbruck (AT))

**Session Classification:** Physics performance et al

Contribution ID: **152**

Type: **not specified**

## **Jets, Missing ET, and Jet Substructure and Tagging Performance in ATLAS**

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** SWIATLOWSKI, Maximilian J (SLAC National Accelerator Laboratory (US))

**Session Classification:** Physics performance et al



Contribution ID: **153**

Type: **not specified**

## **ATLAS B-tagging performance in 2012**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** CONNELLY, Ian

**Session Classification:** Physics performance et al

Contribution ID: 154

Type: **not specified**

# ATLAS Tracking, Beam Protection, and Forward Detector Systems

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenters:** Mr ALPIGIANI, Cristiano (University of London (GB)); ALPIGIANI, Cristiano

**Session Classification:** Physics performance et al

Contribution ID: 155

Type: **not specified**

# ATLAS TDAQ System Performance in 2012 Data Taking

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** COLOMBO, Tommaso (CERN and Universität Heidelberg)

**Session Classification:** Physics performance et al

Contribution ID: **156**

Type: **not specified**

## ATLAS Muon/MCP

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenters:** VENTURINI, Alessio (Brandeis University (US)); ZAMBITO, Stefano (Brandeis University (US))

**Session Classification:** Physics performance et al

Contribution ID: **157**

Type: **not specified**

## **ATLAS CALO operations, DQ, performance**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenters:** LIE, Ki (Univ. Illinois at Urbana-Champaign (US)); ILIC, Nikolina (University of Toronto (CA))

**Session Classification:** Physics performance et al

Contribution ID: **158**

Type: **not specified**

## **Luminosity measurements in ATLAS**

*Wednesday 13 March 2013 17:08 (1h 53m)*

**Presenter:** WEBB, Samuel Nathan (University of Manchester (GB))

**Session Classification:** Physics performance et al

Contribution ID: **159**

Type: **not specified**

## Trigger monitoring in ATLAS

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenters:** BROST, Elizabeth Caitlin (University of Oregon (US)); CUMMINGS, Jane Theresa (Yale University (US))

**Session Classification:** Physics performance et al

Contribution ID: **160**

Type: **not specified**

## **A novel method for an absolute luminosity measurement at LHCb using beam-gas imaging**

*Wednesday 13 March 2013 17:08 (1h 55m)*

**Presenter:** BARSCHEL, Colin (Rheinisch-Westfaelische Tech. Hoch. (DE))

**Session Classification:** Physics performance et al



Contribution ID: **161**

Type: **not specified**

## Measurement of the jet cross sections at CMS

*Wednesday 13 March 2013 17:00 (1h 59m)*

**Presenter:** KAYA, Ozlem (Bogazici University (TR))

**Session Classification:** Jets and QCD studies