

# 7th International Workshop on High- $p_T$ Physics at LHC

High  $p_T$  Physics at LHC  
Frankfurt 2012



## Report of Contributions

Contribution ID: 0

Type: **not specified**

# **Study of jet-quenching using charged hadron $R_{AA}$ and $v_2$ measurements at high $p_T$ in PbPb collisions with CMS**

*Monday 26 March 2012 10:15 (25 minutes)*

**Presenter:** ROLAND, Gunther (Massachusetts Inst. of Technology (US))

Contribution ID: 1

Type: **not specified**

# A systematic view of jets and high $p_T$ at RHIC and LHC

*Monday 26 March 2012 09:30 (40 minutes)*

**Presenter:** RENK, Thorsten (University of Jyväskylä)

Contribution ID: 2

Type: **not specified**

## Jet Physics with ALICE

*Monday 26 March 2012 11:15 (25 minutes)*

**Presenter:** CUNQUEIRO MENDEZ, Leticia (Istituto Nazionale Fisica Nucleare (IT))

Contribution ID: 3

Type: **not specified**

## **Simulations of jet quenching and elliptic glow in heavy ion collisions in a pQCD-based partonic transport model**

*Monday 26 March 2012 11:45 (25 minutes)*

**Presenter:** FOCHLER, Oliver (Goethe-Universität Frankfurt)

Contribution ID: 4

Type: **not specified**

## **Measurement of dijet fragmentation functions in PbPb collisions at $\sqrt{s} = 2.76\text{TeV}$ with CMS**

*Monday 26 March 2012 14:30 (25 minutes)*

**Presenter:** Dr ROLAND, Christof (Massachusetts Inst. of Technology (US))

Contribution ID: 5

Type: **not specified**

## **Momentum imbalance of reconstructed dijets within a partonic transport model**

*Monday 26 March 2012 15:00 (25 minutes)*

**Presenter:** SENZEL, Florian (ITP Frankfurt)

Contribution ID: 6

Type: **not specified**

## Three-Particle Jet-Like Azimuthal Correlations

*Monday 26 March 2012 15:30 (25 minutes)*

**Presenters:** Dr ULERY, Jason Glyndwr (Johann-Wolfgang-Goethe Univ. (DE)); ULERY, Jason Glyndwr (Johann-Wolfgang-Goethe Univ. (DE))



Contribution ID: 7

Type: **not specified**

## **Measurement of quarkonium production in PbPb collisions at 2.76TeV with CMS**

*Monday 26 March 2012 17:30 (25 minutes)*

**Presenter:** MIHEE, Jo

Contribution ID: 8

Type: **not specified**

## **Yield and suppression of electrons from open heavy-flavor decays in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$**

*Monday 26 March 2012 16:30 (25 minutes)*

**Presenter:** PACHMAYER, Yvonne Chiara (Ruprecht-Karls-Universitaet Heidelberg (DE))

Contribution ID: 9

Type: **not specified**

## Heavy quark suppression in pp at LHC

*Monday 26 March 2012 18:00 (25 minutes)*

**Presenter:** VOGEL, Sascha (Subatech)

Contribution ID: **10**

Type: **not specified**

## **D mesons and non-prompt J/Psi at LHC within a transport model**

*Monday 26 March 2012 17:00 (25 minutes)*

**Presenter:** UPHOFF, Jan

Contribution ID: **11**

Type: **not specified**

# Jet Reconstruction in Heavy Ion Collisions

*Tuesday 27 March 2012 09:00 (25 minutes)*

**Presenter:** CUNHA APOLINARIO, Liliana Marisa (U)

Contribution ID: 12

Type: **not specified**

## Reduced Jet-Medium Coupling at the LHC

*Tuesday 27 March 2012 09:30 (25 minutes)*

**Presenter:** BETZ, Barbara (Columbia University)

Contribution ID: **14**

Type: **not specified**

# Photon Physics with the ALICE detector at LHC

*Tuesday 27 March 2012 11:00 (25 minutes)*

**Presenter:** ARBOR, Nicolas (Centre National de la Recherche Scientifique (FR))

Contribution ID: 15

Type: **not specified**

## **Measurement of isolated photon-jet correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with CMS**

*Tuesday 27 March 2012 11:30 (25 minutes)*

**Presenters:** LAI, Yue Shi (Massachusetts Inst. of Technology (US)); LAI, Yue Shi (Massachusetts Inst. of Technology (US))



Contribution ID: **16**

Type: **not specified**

## **Coherence and broadening in the medium induced gluon radiation**

*Tuesday 27 March 2012 14:00 (25 minutes)*

**Presenters:** MARTINEZ GUERRERO, Mauricio (U); MARTINEZ GUERRERO, Mauricio (FIAS)

Contribution ID: 17

Type: **not specified**

## Predictions for 4.4 ATeV p+Pb for the LHC

*Tuesday 27 March 2012 14:30 (25 minutes)*

**Presenters:** BARNAFOLDI, Gergely (Hungarian Academy of Sciences (HU)); BARNAFOLDI, Gergely (Hungarian Academy of Sciences (HU))

Contribution ID: **18**

Type: **not specified**

# Suppression of Charged Particle Production at high pT in ALICE

*Tuesday 27 March 2012 15:00 (25 minutes)*

**Presenter:** LUETTIG, Philipp (Johann-Wolfgang-Goethe Univ. (DE))

Contribution ID: **19**

Type: **not specified**

## **Color Transparency Effect in DIS and at LHC era**

*Tuesday 27 March 2012 16:30 (25 minutes)*

**Presenter:** BORISSOV, Alexander (Wayne State University (US))

Contribution ID: 20

Type: **not specified**

## **Modeling the Impact Parameter Dependence of the nPDFs with EKS98 and EPS09 Parameterizations**

*Tuesday 27 March 2012 17:00 (25 minutes)*

**Presenter:** HELENIUS, Ilkka (Helsinki Institute of Physics (HIP)-Univ. of Helsinki, Fac. of S)

Contribution ID: 21

Type: **not specified**

## High-pT suppression of $\Lambda$ and $K^0$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE

*Tuesday 27 March 2012 17:30 (20 minutes)*

**Presenter:** SCHUCHMANN, Simone (Johann-Wolfgang-Goethe Univ. (DE))

Contribution ID: 22

Type: **not specified**

## Measurement of electroweak boson production in PbPb collisions at 2.76 TeV with CMS

*Tuesday 27 March 2012 17:55 (25 minutes)*

**Presenter:** DE LA CRUZ, Begona (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

Contribution ID: 25

Type: **not specified**

## **Centrality evolution of the jet-fragmentation transverse momentum distribution in Pb-Pb collisions at $\sqrt{s}_{NN} = 2.76\text{TeV}$**

**Presenter:** RAK, Jan (University of Jyvaskyla (FI))



Contribution ID: 32

Type: **not specified**

## **Measurement of charm suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV via D mesons reconstruction in ALICE**

*Tuesday 27 March 2012 10:00 (25 minutes)*

**Presenter:** CAFFARRI, Davide (Universita e INFN (IT))

Contribution ID: 33

Type: **not specified**

## Measurements of Fragmentation Functions

**Presenter:** BUSCH, Oliver (Ruprecht-Karls-Universitaet Heidelberg (DE))

Contribution ID: 34

Type: **not specified**

## jet structure measurements

**Presenter:** CUNQUEIRO MENDEZ, Leticia (Istituto Nazionale Fisica Nucleare (IT))

Contribution ID: 36

Type: **not specified**

## **Measurement of dijet properties and jet-track correlations in PbPb collisions at $\sqrt{s}=2.76\text{TeV}$ with CMS**

*Monday 26 March 2012 14:00 (25 minutes)*

**Presenter:** YILMAZ, Yetkin (Massachusetts Inst. of Technology (US))