

# **LHCb workshop on quantum interference effects, QCD measurements and generator tuning**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Measuring the size and dynamics of heavy-ion collisions with femtoscopy**

*Monday, 20 October 2014 09:35 (40 minutes)*

**Presenter:** KISIEL, Adam (Warsaw University of Technology (PL))

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 1

Type: **not specified**

## **Model independent features of Bose-Einstein correlation functions**

*Monday, 20 October 2014 10:15 (45 minutes)*

**Presenter:** CSORGO, Tamas (Hungarian Academy of Sciences (HU))

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 2

Type: **not specified**

## **Finite size of hadrons and Bose-Einstein correlations**

*Monday, 20 October 2014 11:30 (45 minutes)*

**Presenter:** BIALAS, Andrzej (Jagellonian U., Cracow, Poland)

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 3

Type: **not specified**

## **Rigorous determination of properties of the QGP from experiments at RHIC and the LHC**

*Monday, 20 October 2014 12:15 (45 minutes)*

**Presenter:** PRATT, Scott (Michigan State University)

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 4

Type: **not specified**

## **Blast-wave model and HBT radii in pp collisions at LHC**

*Tuesday, 21 October 2014 14:00 (45 minutes)*

**Presenter:** BIALAS, Andrzej (Jagellonian U., Cracow, Poland)

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 5

Type: **not specified**

## **Bose-Einstein correlations in DIS at HERA**

*Tuesday, 21 October 2014 16:45 (45 minutes)*

**Presenter:** ZAWIEJSKI, Leszek (Institute of Nuclear Physics PAN)

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 7

Type: **not specified**

## **Bose-Einstein Correlations in $e^+e^-$ annihilation**

*Tuesday, 21 October 2014 15:30 (45 minutes)*

**Presenter:** METZGER, Wesley (Radboud University Nijmegen (NL))

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations



Contribution ID: 8

Type: **not specified**

## Femtoscopia results from Alice

*Tuesday, 21 October 2014 14:45 (45 minutes)*

**Presenter:** KISIEL, Adam (Warsaw University of Technology (PL))

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: 9

Type: **not specified**

## **Bose-Einstein correlations of identical pions and kaons at LHCb**

*Tuesday, 21 October 2014 17:30 (45 minutes)*

**Presenter:** LESIAK, Tadeusz (Polish Academy of Sciences (PL))

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations

Contribution ID: **10**

Type: **not specified**

## **LHCb and Introduction to Tuning and QCD Measurements at LHCb**

*Monday, 20 October 2014 14:00 (30 minutes)*

acknowledgement for project PN-II-ID-PCE-2011-3-074  
(56/07.10.2011) under the Romanian IDEI  
Programme.

**Presenter:** MACIUC, Florin (IFIN-HH Bucharest (RO))

Contribution ID: 11

Type: **not specified**

## **Jets and QCD measurements in LHCb**

*Monday, 20 October 2014 14:30 (50 minutes)*

**Presenter:** POTTERAT, Cedric (Univ. Federal do Rio de Janeiro (BR))

Contribution ID: 12

Type: **not specified**

## **Electroweak and QCD measurements at LHCb**

*Monday, 20 October 2014 15:20 (35 minutes)*

**Presenter:** BIFANI, Simone (University of Birmingham (GB))

Contribution ID: **13**

Type: **not specified**

## **Soft QCD measurements in LHCb**

*Tuesday, 21 October 2014 11:35 (50 minutes)*

acknowledgement for project PN-II-ID-PCE-2011-3-074  
(56/07.10.2011) under the Romanian IDEI  
Programme.

**Presenter:** MACIUC, Florin (IFIN-HH Bucharest (RO))

Contribution ID: 14

Type: **not specified**

## **Generator Tuning with Professor/RIVET at LHCb. Status of PYTHIA8 Optimization**

*Monday, 20 October 2014 15:55 (50 minutes)*

acknowledgement of financial support, project PN-II-ID-PCE-2011-3-074 (56/07.10.2011) under the Romanian IDEI Programme.

**Primary author:** GRECU, Alex (Horia Hulubei NIPNE, Bucharest (RO))

**Co-author:** LHCb GENERATOR TUNING GROUP

**Presenters:** GRECU, Alex (Horia Hulubei NIPNE, Bucharest (RO)); LHCb GENERATOR TUNING GROUP

Contribution ID: 15

Type: **not specified**

## **High energy generators, LHCb 's PYTHIA 8 usage**

*Tuesday, 21 October 2014 09:00 (50 minutes)*

**Presenter:** ILTEN, Philip (Massachusetts Inst. of Technology (US))



Contribution ID: 16

Type: **not specified**

## Open charm and beauty at LHCb

*Tuesday, 21 October 2014 10:15 (50 minutes)*

**Presenter:** SPRADLIN, Patrick (University of Glasgow (GB))

Contribution ID: 17

Type: **not specified**

## Quarkonia and double charm

*Tuesday, 21 October 2014 11:05 (30 minutes)*

**Presenter:** ADINOLFI, Marco (University of Bristol (GB))

Contribution ID: **18**

Type: **not specified**

## **LHCb results in pA**

*Tuesday, 21 October 2014 09:50 (25 minutes)*

**Presenter:** SCHMELLING, Michael (Max-Planck-Gesellschaft (DE))

Contribution ID: 19

Type: **not specified**

## Introduction to the Bose-Einstein correlations

*Monday, 20 October 2014 09:30 (5 minutes)*

### Summary

**Presenter:** KUCHARCZYK, Marcin (Universita & INFN, Milano-Bicocca (IT))

**Session Classification:** Bose-Einstein and Fermi-Dirac correlations