

Implications of LHCb measurements and future prospects

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Thursday 10 November 2011 08:45 (15 minutes)

Presenter: WILKINSON, Guy (University of Oxford (GB))

Contribution ID: 1

Type: **not specified**

Summary

Friday 11 November 2011 12:30 (30 minutes)

Presenter: LIGETI, Zoltan (Unknown)

Contribution ID: 2

Type: **not specified**

Interplay between direct and indirect searches

Friday 11 November 2011 08:45 (30 minutes)

Presenter: MAHMOUDI, Nazila (CERN)

Session Classification: Rare Decays

Contribution ID: 3

Type: **not specified**

Constraints on Wilson coefficients from global fits

Friday 11 November 2011 09:35 (20 minutes)

Presenters: BOBETH, Christoph (Technical University Munich); HILLER, Gudrun (Universitaet Dortmund); Dr MATIAS, Joaquim (IFAE, Barcelona)

Session Classification: Rare Decays

Contribution ID: 4

Type: **not specified**

LHCb summary: Prospects for $B_d \rightarrow K^* \mu \mu$, $B_d \rightarrow K^* \gamma$ and related channels

Friday 11 November 2011 09:15 (20 minutes)

Presenter: SERRA, Nicola (Universitaet Zuerich (CH))

Session Classification: Rare Decays

Contribution ID: 5

Type: **not specified**

Observables in $b \rightarrow s(d)\mu\mu$ and $b \rightarrow s(d)$ gamma decays

Friday 11 November 2011 09:55 (20 minutes)

Presenters: BOBETH, Christoph (Technical University Munich); HILLER, Gudrun (Universitaet Dortmund); Dr MATIAS, Joaquim (IFAE, Barcelona)

Session Classification: Rare Decays

Contribution ID: 6

Type: **not specified**

LHCb summary: reach in rare decay seaches

Friday 11 November 2011 10:55 (20 minutes)

Presenter: BETTLER, Marc Olivier (Universita e INFN (IT))

Session Classification: Rare Decays

Contribution ID: 7

Type: **not specified**

Searches with non-LFV channels

Friday 11 November 2011 11:15 (30 minutes)

Presenter: PETROV, Alexey (Wayne State University)

Session Classification: Rare Decays

Contribution ID: 8

Type: **not specified**

LFV searches

Friday 11 November 2011 11:45 (30 minutes)

Presenter: PARADISI, Paride (CERN)

Session Classification: Rare Decays

Contribution ID: 9

Type: **not specified**

Discussion

Friday 11 November 2011 10:15 (15 minutes)

Session Classification: Rare Decays

Contribution ID: **10**

Type: **not specified**

Discussion

Friday 11 November 2011 12:15 (15 minutes)

Session Classification: Rare Decays

Contribution ID: 11

Type: **not specified**

LHCb introduction: Direct CP violation in the decays of charmed hadrons

Thursday 10 November 2011 09:00 (10 minutes)

Presenter: GLIGOROV, Vladimir (CERN)

Session Classification: Charm physics

Contribution ID: 12

Type: **not specified**

The theoretical uncertainty on direct CPV in singly cabibbo suppressed SM decays

Thursday 10 November 2011 09:10 (15 minutes)

Presenter: KAGAN, alexander (university of Cincinnati)

Session Classification: Charm physics

Contribution ID: 13

Type: **not specified**

CP violation in Dalitz plots of multi-body charm decays

Thursday 10 November 2011 09:30 (20 minutes)

Presenter: BIGI, Ikaros (Univ. of Notre Dame)

Session Classification: Charm physics

Contribution ID: 14

Type: **not specified**

Charmed baryons : CP violation and rare decays

Thursday 10 November 2011 09:55 (20 minutes)

Presenter: KHODJAMIRIAN, Alexander

Session Classification: Charm physics

Contribution ID: 15

Type: **not specified**

Discussion

Thursday 10 November 2011 10:20 (10 minutes)

Session Classification: Charm physics

Contribution ID: 16

Type: **not specified**

LHCb introduction: CP violation in the mixing of neutral charmed mesons

Thursday 10 November 2011 11:00 (10 minutes)

Presenter: Dr GERSABECK, Marco (CERN)

Session Classification: Charm physics

Contribution ID: 17

Type: **not specified**

SM expectations for CPV in D mixing

Thursday 10 November 2011 11:35 (15 minutes)

Presenter: KAGAN, alexander (university of Cincinnati)

Session Classification: Charm physics

Contribution ID: **18**

Type: **not specified**

Long-distance methods for M_12 and Gamma_12

Thursday 10 November 2011 11:55 (20 minutes)

Presenter: PETROV, Alexey (Wayne State University)

Session Classification: Charm physics

Contribution ID: 19

Type: **not specified**

The HQE-approach to charm mixing

Thursday 10 November 2011 11:10 (20 minutes)

Presenter: BOBROWSKI, Markus (Karlsruhe Institute of Technology)

Session Classification: Charm physics

Contribution ID: 20

Type: **not specified**

Discussion

Thursday 10 November 2011 12:20 (10 minutes)

Session Classification: Charm physics

Contribution ID: 21

Type: **not specified**

Overview of LHCb results on CPV in the B sector and future prospects

Thursday 10 November 2011 14:00 (15 minutes)

Presenter: COWAN, Greig (EPFL)

Session Classification: CP violation in the B system

Contribution ID: 22

Type: **not specified**

Impacts of recent LHCb results on NP models

Thursday 10 November 2011 14:15 (30 minutes)

Presenter: ISIDORI, Gino (Unknown)

Session Classification: CP violation in the B system

Contribution ID: 23

Type: **not specified**

Penguin pollution in ϕ_s and effective B_s lifetime measurements

Thursday 10 November 2011 14:45 (30 minutes)

Presenter: FLEISCHER, Robert (CERN)

Session Classification: CP violation in the B system

Contribution ID: 24

Type: **not specified**

What we can learn from $b \rightarrow s$ penguins?

Thursday 10 November 2011 15:45 (30 minutes)

Presenter: JAEGER, Sebastian (University of Sussex (GB))

Session Classification: CP violation in the B system

Contribution ID: 25

Type: **not specified**

New method for measuring ϕ_s

Thursday 10 November 2011 16:15 (15 minutes)

Presenter: VIRTO, Javier

Session Classification: CP violation in the B system

Contribution ID: 26

Type: **not specified**

Discussion

Thursday 10 November 2011 16:30 (1 hour)

Session Classification: CP violation in the B system