

Prospects and challenges for semitauonic decays at LHCb

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Contribution ID: 1

Type: **not specified**

Overview of experimental results

Contribution ID: 2

Type: **not specified**

SM predictions and uncertainties

Thursday 28 April 2016 14:00 (30 minutes)

Presenter: VAN DYK, Danny (University of Zurich (CH))

Session Classification: Theory: SM and beyond

Contribution ID: 3

Type: **not specified**

The fruits of an angular analysis

Contribution ID: 4

Type: **not specified**

Angular distributions of $B \rightarrow D^{(*)} \ell \nu$ decays and search of New Physics

Thursday 28 April 2016 15:00 (30 minutes)

Summary

Presenter: TAYDUGANOV, Andrey (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

Session Classification: Theory: SM and beyond

Contribution ID: 5

Type: **not specified**

Angular distributions of B->Dlnu decays

Contribution ID: 6

Type: **not specified**

Ambiguities in angular fits at LHCb

Contribution ID: 7

Type: **not specified**

Prospects for future LHCb semitaucronic analyses

Contribution ID: 16

Type: **not specified**

Lattice results and outlook

Thursday 28 April 2016 14:30 (30 minutes)

Presenter: Prof. MEINEL, Stefan (University of Arizona / RIKEN BNL Research Center)

Session Classification: Theory: SM and beyond

Contribution ID: 17

Type: **not specified**

Analysis of $B \rightarrow D\tau(\rightarrow \ell\nu\nu)\nu$ in Effective Field Theory

Thursday 28 April 2016 16:00 (30 minutes)

Summary

Author: ALONSO, Rodrigo (UC San Diego)

Presenter: ALONSO, Rodrigo (UC San Diego)

Session Classification: Theory: SM and beyond

Contribution ID: **18**

Type: **not specified**

Lepton flavour universality: an outlook

Thursday 28 April 2016 17:00 (30 minutes)

Presenter: CRIVELLIN, Andreas (Paul Scherrer Institut (CH))

Session Classification: Theory: SM and beyond

Contribution ID: **19**

Type: **not specified**

Discussion

Thursday 28 April 2016 17:30 (30 minutes)

Session Classification: Theory: SM and beyond

Contribution ID: 36

Type: **not specified**

Theory prospects for $B \rightarrow D^{**} \ell \nu$

Thursday 28 April 2016 16:30 (30 minutes)

Summary

Presenter: Dr BERNLOCHNER, Florian Urs

Session Classification: Theory: SM and beyond

Contribution ID: **38**

Type: **not specified**

Experimental results and prospects at LHCb

Thursday 28 April 2016 13:00 (30 minutes)

Presenter: HAMILTON, Brian (University of Maryland (US))

Session Classification: Experimental results

Contribution ID: 39

Type: **not specified**

Thoughts on angular analyses

Thursday 28 April 2016 13:30 (15 minutes)

Presenter: CIEZAREK, Gregory Max (Nikhef National institute for subatomic physics (NL))

Session Classification: Experimental results