

Second LHCb open semitauonic workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

$R(D)$ and $R(D^*)$ predictions in the SM

Monday 13 November 2017 10:00 (30 minutes)

Presenter: SCHACHT, Stefan

Session Classification: Open session-1

Contribution ID: 2

Type: **not specified**

Review of current e^+e^- $R(D)$ and $R(D^*)$ results

Monday 13 November 2017 10:30 (15 minutes)

Presenter: LUTH, Vera (SLAC)

Session Classification: Open session-1

Contribution ID: 3

Type: **not specified**

$R(D)$ and $R(D^*)$ at Bell II

Monday 13 November 2017 10:45 (15 minutes)

Presenter: URQUIJO, Phillip (University of Melbourne (AU))

Session Classification: Open session-1

Contribution ID: 4

Type: **not specified**

$R(D)$ and $R(D^*)$ measurements in LHCb -muonic channels

Monday 13 November 2017 11:00 (15 minutes)

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

Session Classification: Open session-1

Contribution ID: 5

Type: **not specified**

R(D) and R(D*) measurements at LHCb- hadronic channel

Monday 13 November 2017 11:15 (15 minutes)

Presenter: ROMERO VIDAL, Antonio (University of Santiago de Compostela (ES))

Session Classification: Open session-1

Contribution ID: 6

Type: **not specified**

R(D) and R(D*) prediction LCSR

Monday 13 November 2017 11:30 (15 minutes)

Session Classification: Open session-1

Contribution ID: 7

Type: **not specified**

$R(D)$ and $R(D^*)$ LQCD

Monday 13 November 2017 11:45 (20 minutes)

Presenter: LYTLE, Andrew (University of Glasgow)

Session Classification: Open session-1

Contribution ID: 8

Type: **not specified**

Round Table discussion

Monday 13 November 2017 12:05 (20 minutes)

Session Classification: Open session-1

Contribution ID: 9

Type: **not specified**

Review on B semileptonic decays (Theory)

Monday 13 November 2017 14:00 (30 minutes)

Presenter: BERNLOCHNER, Florian Urs (University of Bonn (DE))

Session Classification: Open session-2 : B to D0/D+/D*/D** l nu, l=e,mu,tau and ratios R(D(*)(*). Improvements to understanding of signal and background

Contribution ID: 12

Type: **not specified**

Belle II prospects

Monday 13 November 2017 15:05 (10 minutes)

Session Classification: Open session-2 : B to $D^0/D^+/D^*/D^{**} l \nu$, $l=e,\mu,\tau$ and ratios $R(D^{(*)})$. Improvements to understanding of signal and background

Contribution ID: 13

Type: **not specified**

Review on present experimental results on $D^{(*)} l \nu$

Monday 13 November 2017 14:50 (15 minutes)

Presenter: ROTONDO, Marcello (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Open session-2 : B to $D^0/D^+/D^{*}/D^{**} l \nu$, $l=e,\mu,\tau$ and ratios $R(D^{(*)})$. Improvements to understanding of signal and background

Contribution ID: 15

Type: **not specified**

Round table discussion

Monday 13 November 2017 15:40 (40 minutes)

Session Classification: Open session-2 : B to D0/D+/D*/D** l nu, l=e,mu,tau and ratios R(D*)(*). Improvements to understanding of signal and background

Contribution ID: **16**

Type: **not specified**

Review of R measurements in LHCb in the muonic channel

Monday 13 November 2017 16:50 (15 minutes)

Presenter: SMITH, Mark (Imperial College (GB))

Session Classification: Open session-3: Other ratios $R(\pi, D_s, \Lambda_c, J/\psi, \dots)$

Contribution ID: 17

Type: **not specified**

Review of R measurements in LHCb in the hadronic channel

Monday 13 November 2017 17:05 (15 minutes)

Presenter: RENAUDIN, Victor (Université Paris-Saclay (FR))

Session Classification: Open session-3: Other ratios $R(\pi, D_s, \Lambda_c, J/\psi, \dots)$

Contribution ID: 20

Type: **not specified**

R(Lambda_c) theory

Monday 13 November 2017 17:20 (15 minutes)

Presenter: DATTA, Alakabha

Session Classification: Open session-3: Other ratios R(pi,Ds, Lambda_c, J/psi,...)

Contribution ID: 21

Type: **not specified**

$R(Lc^*)$ theory

Monday 13 November 2017 17:35 (15 minutes)

Presenter: BORDONE, Marzia (University of Zurich)

Session Classification: Open session-3: Other ratios $R(\pi, D_s, \Lambda_c, J/\psi, \dots)$

Contribution ID: 23

Type: **not specified**

Round table discussion

Monday 13 November 2017 17:50 (35 minutes)

Session Classification: Open session-3: Other ratios $R(\pi, D_s, \Lambda_c, J/\psi, \dots)$

Contribution ID: 24

Type: **not specified**

Charm to 3 pi (BES)

Tuesday 14 November 2017 09:15 (20 minutes)

Presenter: Dr SUN, Liang (Wuhan University (CN))

Session Classification: Open session-4 Complementary Information and Measurements

Contribution ID: 25

Type: **not specified**

DDX states (BABAR/BELLE)

Tuesday 14 November 2017 09:35 (15 minutes)

Presenter: HARA, Koji (KEK)

Session Classification: Open session-4 Complementary Information and Measurements

Contribution ID: 26

Type: **not specified**

tau decays (BELLE)

Tuesday 14 November 2017 09:50 (10 minutes)

Presenter: SCHWARTZ, Boris (BINP)

Session Classification: Open session-4 Complementary Information and Measurements

Contribution ID: 27

Type: **not specified**

Normalization states

Tuesday 14 November 2017 10:00 (15 minutes)

Presenter: BOZZI, Concezio (CERN and INFN Ferrara)

Session Classification: Open session-4 Complementary Information and Measurements

Contribution ID: 29

Type: **not specified**

Introduction: what is required

Tuesday 14 November 2017 09:00 (10 minutes)

Presenter: WORMSER, Guy (LAL Orsay)

Session Classification: Open session-4 Complementary Information and Measurements

Contribution ID: **30**

Type: **not specified**

Round table discussion

Tuesday 14 November 2017 10:25 (35 minutes)

Session Classification: Open session-4 Complementary Information and Measurements

Contribution ID: **31**

Type: **not specified**

the HAMMER tool

Tuesday 14 November 2017 11:30 (20 minutes)

Presenter: ROBINSON, Dean (University of Cincinnati)

Session Classification: Open session-5 : Assessment of potential contributions from non-SM processes (1)

Contribution ID: **32**

Type: **not specified**

Tools to search for new physics with LHCb data

Tuesday 14 November 2017 11:50 (20 minutes)

Presenter: CIEZAREK, Gregory Max (CERN)

Session Classification: Open session-5 : Assessment of potential contributions from non-SM processes (1)

Contribution ID: 33

Type: **not specified**

q2 and angular distributions at e+e- machines

Tuesday 14 November 2017 12:10 (15 minutes)

Presenter: LUTH, Vera (SLAC)

Session Classification: Open session-5 : Assessment of potential contributions from non-SM processes (1)

Contribution ID: 34

Type: **not specified**

Inclusive Semitauonic B Decays to Order $\mathcal{O}(\alpha_s^3)$

Tuesday 14 November 2017 12:25 (15 minutes)

Presenter: RUSOV, Aleksey

Session Classification: Open session-5 : Assessment of potential contributions from non-SM processes (1)

Contribution ID: 35

Type: **not specified**

Round table discussion

Tuesday 14 November 2017 12:40 (25 minutes)

Session Classification: Open session-5 : Assessment of potential contributions from non-SM processes (1)

Contribution ID: 36

Type: **not specified**

Review of NP physics scenarios

Tuesday 14 November 2017 14:00 (30 minutes)

Presenter: GRELJO, Admir (Johannes Gutenberg-Universität Mainz)

Session Classification: Open session-6 :Assessment of potential contributions from non-SM processes (2)

Contribution ID: 37

Type: **not specified**

The W'solution

Tuesday 14 November 2017 14:30 (15 minutes)

Presenter: VICENTE, Avelino (IFIC - CSIC / U. Valencia)

Session Classification: Open session-6 :Assessment of potential contributions from non-SM processes (2)

Contribution ID: 38

Type: **not specified**

Leptoquarks for lepton universality puzzles

Tuesday 14 November 2017 14:45 (15 minutes)

Presenter: KOSNIK, N. (U. Ljubljana)

Session Classification: Open session-6 :Assessment of potential contributions from non-SM processes (2)

Contribution ID: 39

Type: **not specified**

Round table discussion

Tuesday 14 November 2017 15:15 (45 minutes)

Session Classification: Open session-6 :Assessment of potential contributions from non-SM processes (2)

Contribution ID: 42

Type: **not specified**

Summary remarks from a theorist point of view

Tuesday 14 November 2017 15:45 (15 minutes)

Presenter: LIGETI, Zoltan (Lawrence Berkeley National Lab. (US))

Session Classification: Concluding remarks: Theory and Experiments

Contribution ID: 43

Type: **not specified**

Summary remarks from an experimentalist point of view

Tuesday 14 November 2017 16:00 (15 minutes)

Presenter: VAGNONI, Vincenzo (CERN and INFN Bologna)

Session Classification: Concluding remarks: Theory and Experiments

Contribution ID: 50

Type: **not specified**

Presentation of Paris-Saclay University

Monday 13 November 2017 21:00 (20 minutes)

Presenter: STALEY, Florent Maurice (DAPNIA - Centre d'Etudes de Saclay (CEA-Saclay))

Contribution ID: 51

Type: **not specified**

Best variables

Tuesday 14 November 2017 15:00 (15 minutes)

Presenter: TAYDUGANOV, Andrey (TU Dortmund)

Session Classification: Open session-6 :Assessment of potential contributions from non-SM processes (2)