

Instant workshop on B meson anomalies

Report of Contributions

Contribution ID: 2

Type: **not specified**

Lepton Universality Violation in B-Meson Decays

Wednesday, 17 May 2017 14:00 (1 hour)

Presenter: GRINSTEIN, Benjamin (Univ. of California San Diego (US))

Session Classification: TH Colloquium

Contribution ID: 3

Type: **not specified**

Measurements of $R(D^*)$ and siblings

Wednesday, 17 May 2017 15:30 (20 minutes)

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

Session Classification: $R(D)$, $R(D^*)$, $B \rightarrow D \tau \nu$

Contribution ID: 4

Type: **not specified**

Lattice inputs for the SM predictions of RD^*

Wednesday, 17 May 2017 16:00 (20 minutes)

Presenter: EL-KHADRA, Aida (UIUC)

Session Classification: $R(D)$, $R(D^*)$, $B \rightarrow D \tau \nu$

Contribution ID: 5

Type: **not specified**

LQCD other modes

Wednesday, 17 May 2017 16:30 (10 minutes)

Presenter: LYTLE, Andrew (University of Glasgow)

Session Classification: R(D), R(D*), B- \rightarrow D τ ν

Contribution ID: 6

Type: **not specified**

Combined Analysis of $R(D)$, $R(D^*)$

Wednesday, 17 May 2017 18:05 (10 minutes)

Presenter: ROBINSON, Dean (University of Cincinnati)

Session Classification: $R(D)$, $R(D^*)$, $B \rightarrow D \tau \nu$

Contribution ID: 7

Type: **not specified**

Kinematic distributions of $B \rightarrow D \tau \nu$

Wednesday, 17 May 2017 17:45 (15 minutes)

Presenter: WESTHOFF, Susanne (Heidelberg University)

Session Classification: $R(D)$, $R(D^*)$, $B \rightarrow D \tau \nu$

Contribution ID: 8

Type: **not specified**

Experimental status of R_K* and siblings

Thursday, 18 May 2017 09:30 (20 minutes)

Presenter: SCHUNE, Marie-Helene (Universite de Paris-Sud 11 (FR))

Session Classification: R_K(*)

Contribution ID: 9

Type: **not specified**

R_K: Quo vadis?

Thursday, 18 May 2017 10:00 (15 minutes)

Presenter: PATEL, Mitesh (Imperial College (GB))

Session Classification: R_K(*)

Contribution ID: **10**

Type: **not specified**

Anatomy of the $B \rightarrow K^* \mu \mu$ decay in the SM and beyond

Thursday, 18 May 2017 10:25 (20 minutes)

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

Session Classification: R_K(*)

Contribution ID: 11

Type: **not specified**

The role of EM corrections

Thursday, 18 May 2017 10:55 (15 minutes)

Presenter: BORDONE, Marzia (University of Zurich)

Session Classification: R_K(*)

Contribution ID: 12

Type: **not specified**

Angular analysis

Thursday, 18 May 2017 13:25 (20 minutes)

Presenter: PETRIDIS, Konstantinos (University of Bristol (GB))

Session Classification: R_K(*)

Contribution ID: 13

Type: **not specified**

Introduction to Global Fits and progress on the charm contribution

Thursday, 18 May 2017 13:55 (20 minutes)

Presenter: VIRTO, Javier (Universitat Siegen)

Session Classification: R_K(*)

Contribution ID: 14

Type: **not specified**

Knowns and Unknowns in Lepton Flavour Universality violation fits

Thursday, 18 May 2017 14:35 (10 minutes)

Presenter: VALLI, Mauro (INFN Rome)

Session Classification: R_K(*)

Contribution ID: 15

Type: **not specified**

Overview of model building

Thursday, 18 May 2017 15:40 (20 minutes)

Presenter: STRAUB, David (Excellence Cluster Universe, Munich)

Session Classification: R_K(*)

Contribution ID: 16

Type: **not specified**

Models with tree level Z'

Thursday, 18 May 2017 16:10 (15 minutes)

Presenter: FUENTES-MARTIN, Javier (IFIC, Universitat de València-CSIC)

Session Classification: R_K(*)

Contribution ID: 17

Type: **not specified**

Models with tree level leptoquarks

Thursday, 18 May 2017 16:30 (15 minutes)

Presenter: NISANDZIC, Ivan (Technische Universitat Dortmund)

Session Classification: R_K(*)

Contribution ID: **18**

Type: **not specified**

Composite leptoquarks

Thursday, 18 May 2017 16:50 (15 minutes)

Presenter: GRIPAIOS, Ben (University of Cambridge (GB))

Session Classification: R_K(*)

Contribution ID: 19

Type: **not specified**

Loop level models

Thursday, 18 May 2017 17:10 (15 minutes)

Presenter: SOREQ, Yotam (Massachusetts Institute of Technology)

Session Classification: R_K(*)

Contribution ID: 20

Type: **not specified**

RS and composites

Friday, 19 May 2017 09:30 (20 minutes)

Presenter: PANICO, Giuliano (Universitat Autònoma de Barcelona (ES))

Session Classification: R_K(*)

Contribution ID: 21

Type: **not specified**

Further thoughts on RS and composites

Friday, 19 May 2017 09:55 (10 minutes)

Presenter: QUIROS CARCELEN, Mariano (ICREA - Institutio catalana de recerca estudis avancats (ES))

Session Classification: R_K(*)

Contribution ID: 22

Type: **not specified**

Flavor models

Friday, 19 May 2017 11:00 (20 minutes)

Presenter: ISIDORI, Gino (Universitaet Zuerich (CH))

Session Classification: R_K(*)

Contribution ID: 23

Type: **not specified**

Light NP

Friday, 19 May 2017 10:10 (15 minutes)

Presenter: BISHARA, Fady (University of Oxford)

Session Classification: R_K(*)

Contribution ID: 24

Type: **not specified**

The 'one leptoquark' scenario and radiative neutrino mass

Friday, 19 May 2017 12:10 (15 minutes)

Presenter: GARGALIONIS, John (The University of Melbourne)

Session Classification: R_K(*)

Contribution ID: 25

Type: **not specified**

Theory prospects

Friday, 19 May 2017 13:30 (20 minutes)

Presenter: HILLER, Gudrun (Technische Universitaet Dortmund (DE))

Session Classification: R_K(*)

Contribution ID: 26

Type: **not specified**

LHCb prospects

Friday, 19 May 2017 14:00 (20 minutes)

Presenter: EGEDE, Ulrik (Imperial College (GB))

Session Classification: R_K(*)

Contribution ID: 27

Type: **not specified**

Belle 2 prospects

Friday, 19 May 2017 14:30 (20 minutes)

Presenter: ZUPANC, Anze (Jozef Stefan Institute)

Session Classification: R_K(*)

Contribution ID: 28

Type: **not specified**

New physics EFT analysis

Wednesday, 17 May 2017 17:15 (20 minutes)

Presenter: GHOSH, Diptimoy (Weizmann Institute)

Session Classification: R(D), R(D*), B->D \tau \nu

Contribution ID: 29

Type: **not specified**

Standard Model predictions

Wednesday, 17 May 2017 18:20 (10 minutes)

Presenter: SCHACHT, Stefan (INFN, Sezione di Torino and Universita di Torino)

Session Classification: R(D), R(D*), B- \rightarrow D τ ν

Contribution ID: **30**

Type: **not specified**

Possible connection to RD(*)

Friday, 19 May 2017 11:30 (15 minutes)

Presenter: CRIVELLIN, Andreas

Session Classification: R_K(*)

Contribution ID: 31

Type: **not specified**

Present Status of $b \rightarrow s l^+ l^-$ Anomalies

Thursday, 18 May 2017 14:20 (10 minutes)

Presenter: MAHMOUDI, Nazila (CERN and Lyon University (FR))

Session Classification: R_K(*)

Contribution ID: 32

Type: **not specified**

What do we learn from fits

Thursday, 18 May 2017 14:50 (10 minutes)

Presenter: URBANO, Alfredo Leonardo (CERN)

Session Classification: R_K(*)

Contribution ID: 33

Type: **not specified**

On the importance of Electroweak Corrections for B-anomalies

Friday, 19 May 2017 11:50 (15 minutes)

Presenter: PARADISI, Paride (University of Padova)

Session Classification: R_K(*)