Instant workshop on B meson anomalies

Report of Contributions
Lepton Universality Violation in B-Meson Decays

Wednesday, 17 May 2017 14:00 (60)

Presenter(s) :  GRINSTEIN, Benjamin (Univ. of California San Diego (US))
Session Classification :  TH Colloquium
Measurements of RD(\(^{\ast}\)) and siblings

Wednesday, 17 May 2017 15:30 (20)

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

Session Classification : R(D), R(D\(^{\ast}\)), B\(\rightarrow\)D \(\tau\) \(\nu\)
Lattice inputs for the SM predictions of RD(*)

Wednesday, 17 May 2017 16:00 (20)

Presenter(s): EL-KHADRA, Aida (UIUC)
Session Classification: R(D), R(D*), B->D \tau \nu

LQCD other modes

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

**Presenter(s):** LYTLE, Andrew (University of Glasgow)

**Session Classification:** \( R(D), R(D^*), B \to D \tau \nu \)
Combined Analysis of R(D), R(D*)

Wednesday, 17 May 2017 18:05 (10)

Presenter(s): ROBINSON, Dean (University of Cincinnati)

Session Classification: R(D), R(D*), B->D \tau \nu
Kinematic distributions of $B \rightarrow D \tau \nu$

Wednesday, 17 May 2017 17:45 (15)

**Presenter(s):** WESTHOFF, Susanne (Heidelberg University)

**Session Classification:** R(D), R($D^*$), $B\rightarrow D \tau \nu$
Experimental status of $R_{K^*}$ and siblings

Thursday, 18 May 2017 09:30 (20)

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

**Session Classification**: $R_K(^*)$
R_K: Quo vadis?

Thursday, 18 May 2017 10:00 (15)

Presenter(s): PATEL, Mitesh (Imperial College (GB))
Session Classification: R_K(*)
Anatomy of the B→K* mumu decay in the SM and beyond

Thursday, 18 May 2017 10:25 (20)

Presenter(s) : JAEGER, Sebastian (University of Sussex (GB))
Session Classification : R_K(*)
The role of EM corrections

Thursday, 18 May 2017 10:55 (15)

**Presenter(s)**: BORDONE, Marzia (University of Zurich)

**Session Classification**: R_K(*)
Angular analysis

Thursday, 18 May 2017 13:25 (20)

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

Session Classification : R_K(*)
Introduction to Global Fits and progress on the charm contribution

Thursday, 18 May 2017 13:55 (20)

Presenter(s) : VIRTO, Javier (Universitat Siegen)
Session Classification : R_K(*)
Knowns and Unknowns in Lepton Flavour
Universality violation fits

Presenter(s): VALLI, Mauro (INFN Rome)
Session Classification: R_K(*)
Overview of model building

Thursday, 18 May 2017 15:40 (20)

Presenter(s) : STRAUB, David (Excellence Cluster Universe, Munich)
Session Classification : R_K(*)
Models with tree level Z’

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

Session Classification : R_K(*)
Models with tree level leptoquarks

Thursday, 18 May 2017 16:30 (15)

Presenter(s): NISANDZIC, Ivan (Technische Universitat Dortmund)
Session Classification: R_K(*)
Composite leptoquarks

Thursday, 18 May 2017 16:50 (15)

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

Session Classification :  R_K(*)
Loop level models

Presenter(s): SOREQ, Yotam (Massachusetts Institute of Technology)

Session Classification: R_K(*)
RS and composites

Friday, 19 May 2017 09:30 (20)

Presenter(s) : PANICO, Giuliano (Universitat Autònoma de Barcelona (ES))
Session Classification : R_K(*)
Further thoughts on RS and composites

Friday, 19 May 2017 09:55 (10)

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

Session Classification: R_K(*)
**Flavor models**

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

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

**Session Classification:** R_K(*)
Contribution ID: 23

Type: not specified

Light NP

Friday, 19 May 2017 10:10 (15)

Presenter(s): BISHARA, Fady (University of Oxford)

Session Classification: R_K(*)
The ‘one leptoquark’ scenario and radiative neutrino mass

Presenter(s) : GARGALIONIS, John (The University of Melbourne)

Session Classification : R_K(*)
Theory prospects

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

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

**Session Classification:** R_K(*)
LHCb prospects

Presenter(s) : EGEDE, Ulrik (Imperial College (GB))
Session Classification : R_K(*)
Belle 2 prospects

Friday, 19 May 2017 14:30 (20)

Presenter(s) : ZUPANC, Anze (Jozef Stefan Institute)
Session Classification : R_K(*)
New physics EFT analysis

Wednesday, 17 May 2017 17:15 (20)

Presenter(s): GHOSH, Diptimoy (Weizmann Institute)
Session Classification: R(D), R(D*), B->D \( \tau \nu \)
Standard Model predictions

Wednesday, 17 May 2017 18:20 (10)

Presenter(s): SCHACHT, Stefan (INFN, Sezione di Torino and Universita di Torino)
Session Classification: R(D), R(D*), B->D \tau \nu
Possible connection to RD(*)

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

**Presenter(s):** CRIVELLIN, Andreas  
**Session Classification:** R_K(*)
Present Status of $b \to s \ell^+ \ell^-$ Anomalies

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

**Session Classification**: R_K(*)
What do we learn from fits

Thursday, 18 May 2017 14:50 (10)

Presenter(s): URBANO, Alfredo Leonardo (CERN)

Session Classification: R_K(*)
On the importance of Electroweak Corrections for B-anomalies

Friday, 19 May 2017 11:50 (15)

Presenter(s): PARADISI, Paride (University of Padova)
Session Classification: R_K(*)