

# Rare B Decays: Theory and Experiment 2016



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## **Leptoquarks in B meson anomalies**

*Tuesday, 19 April 2016 16:00 (25 minutes)*

**Presenter:** FAJFER, S (Univ. of Ljubljana and Inst. J. Stefan)

Contribution ID: 1

Type: **not specified**

## **Measurement of the photon polarization at LHCb**

*Wednesday, 20 April 2016 09:30 (25 minutes)*

**Presenter:** DE OYANGUREN CAMPOS, Arantza (Instituto de Fisica Corpuscular (ES))

Contribution ID: 2

Type: **not specified**

## **NP in $b \rightarrow s\mu\mu$ and $b \rightarrow c\tau\mu$**

*Tuesday, 19 April 2016 17:00 (25 minutes)*

**Presenter:** CRIVELLIN, Andreas (CERN)

Contribution ID: 3

Type: **not specified**

## **B to $K^* l^+ l^-$ in the Standard Model and other exclusive b to s transitions**

*Tuesday, 19 April 2016 11:30 (25 minutes)*

**Presenter:** FEDELE, Marco (INFN RM1)

Contribution ID: 4

Type: **not specified**

## **Flavio: yet another public code**

*Tuesday, 19 April 2016 10:05 (25 minutes)*

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

Contribution ID: 5

Type: **not specified**

## **Global fits to the latest LHCb data on $b \rightarrow s l l$**

*Tuesday, 19 April 2016 15:00 (25 minutes)*

**Presenter:** MAHMOUDI, Nazila (Universite Claude Bernard-Lyon I (FR))

Contribution ID: 6

Type: **not specified**

## Flavor anomalies from a gauge extension

*Tuesday, 19 April 2016 15:30 (25 minutes)*

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



Contribution ID: 7

Type: **not specified**

## **Experimental constraints on the interference of charmonium in $B \rightarrow K\mu\mu$**

*Monday, 18 April 2016 11:00 (25 minutes)*

**Presenter:** OWEN, Patrick Haworth (Imperial College Sci., Tech. & Med. (GB))

Contribution ID: 8

Type: **not specified**

## **The B $\rightarrow$ K\* $\ell$ at the low recoil**

*Monday, 18 April 2016 10:30 (25 minutes)*

**Presenter:** NISANDZIC, Ivan

Contribution ID: 9

Type: **not specified**

## Latest $b \rightarrow sll$ results from LHCb

*Monday, 18 April 2016 16:00 (25 minutes)*

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

Contribution ID: 10

Type: **not specified**

## **B $\rightarrow$ $\pi$ ll and B $\rightarrow$ K ll at large recoil and $|V_{td}/V_{ts}|$ determination**

*Monday, 18 April 2016 12:30 (25 minutes)*

**Presenter:** RUSOV, Aleksey

Contribution ID: 11

Type: **not specified**

## **B $\rightarrow$ PP Form factors in semileptonic B-decays**

*Monday, 18 April 2016 12:00 (25 minutes)*

**Presenter:** KHODJAMIRIAN, Alexander (University of Siegen)

Contribution ID: 12

Type: **not specified**

## Global analysis of $b \rightarrow sll$ anomalies

*Tuesday, 19 April 2016 11:00 (25 minutes)*

**Presenter:** VIRTO, Javier (Universitat Siegen)

Contribution ID: 13

Type: **not specified**

## **The shape of (new) physics in $b \rightarrow s$ II**

*Wednesday, 20 April 2016 10:00 (25 minutes)*

**Presenter:** MARTIN CAMALICH, Jorge (Johannes Universitat Mainz)

Contribution ID: 14

Type: **not specified**

## Angular analysis of $B \rightarrow K^* \ell \ell$ at Belle

*Monday, 18 April 2016 17:30 (25 minutes)*

**Presenter:** WEHLE, Simon (DESY)



Contribution ID: 15

Type: **not specified**

## **Subleading-power factorization in inclusive $b \rightarrow sll$**

*Wednesday, 20 April 2016 12:00 (25 minutes)*

### **Summary**

**Presenter:** HURTH, Tobias (Johannes-Gutenberg-Universitaet Mainz (DE))

Contribution ID: 16

Type: **not specified**

## **Higher spin operators and particles in angular distributions**

*Monday, 18 April 2016 10:00 (25 minutes)*

**Presenter:** ZWICKY, Roman (edinburgh university)

Contribution ID: 17

Type: **not specified**

## **Lepton Flavor Violation in Exclusive $b \rightarrow s$ Decays**

*Wednesday, 20 April 2016 12:30 (25 minutes)*

**Presenter:** Mr SUMENSARI, Olcyr (LPT Orsay)

Contribution ID: **18**

Type: **not specified**

## Recent results from LHCb

*Monday, 18 April 2016 15:30 (25 minutes)*

**Presenter:** CHRZASZCZ, Marcin (Universitaet Zuerich (CH), Institute of Nuclear Physics (PL))

Contribution ID: 19

Type: **not specified**

## **Explaining all flavor anomalies with a single model**

**Presenter:** BECIREVIC, Damir (CNRS et Universite Paris Sud)

Contribution ID: 20

Type: **not specified**

## **Signal of right-handed currents using $B \rightarrow K^* \ell \ell$ observables at kinematic endpoint**

*Wednesday, 20 April 2016 10:30 (25 minutes)*

**Presenter:** SINHA, Rahul (The Institute of Mathematical Sciences)

Contribution ID: 21

Type: **not specified**

## Angular analyses at CMS

*Monday, 18 April 2016 17:00 (25 minutes)*

**Presenter:** BOLETTI, Alessio (Universita e INFN, Padova (IT))

Contribution ID: 22

Type: **not specified**

## **Factorizable power corrections in $B \rightarrow K^* \mu \mu$**

*Tuesday, 19 April 2016 12:00 (25 minutes)*

**Presenter:** HOFER, Lars



Contribution ID: 23

Type: **not specified**

## **Lepton flavour universality tests at LHCb: strategy and status of RK and RK\***

*Tuesday, 19 April 2016 09:00 (25 minutes)*

**Presenter:** BORSATO, Martino (Universidade de Santiago de Compostela (ES))

Contribution ID: 24

Type: **not specified**

## **Study of rare B decays at ATLAS**

*Monday, 18 April 2016 15:00 (25 minutes)*

**Presenter:** BONA, Marcella (Queen Mary University of London (UK))

Contribution ID: 25

Type: **not specified**

## **LFU at LHCb (part II)**

*Tuesday, 19 April 2016 09:30 (25 minutes)*

**Presenter:** SILVA COUTINHO, Rafael (Universitaet Zuerich (CH))

Contribution ID: 28

Type: **not specified**

## **Toward a coherent solution of diphoton and B decay anomalies**

*Wednesday, 20 April 2016 09:00 (25 minutes)*

**Primary author:** GRELJO, Admir (University of Zurich)

Contribution ID: 29

Type: **not specified**

## Welcome Address

*Monday, 18 April 2016 09:50 (8 minutes)*

Contribution ID: **30**

Type: **not specified**

## **Ideas for LFNU (or how to shorten a coffee break)**

*Tuesday, 19 April 2016 09:58 (5 minutes)*

### **Summary**

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