

# **XIIth Meeting on B Physics. Tensions in Flavour measurements: a path toward Physics beyond the Standard Model**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Tensions in Flavour Physics [40'+10']**

*Monday, 22 May 2017 14:10 (50 minutes)*

**Primary author:** Dr SILVESTRINI, Luca (ROMA1)

**Presenter:** Dr SILVESTRINI, Luca (ROMA1)

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: 2

Type: **not specified**

## **The Vub and Vcb puzzles [25'+5']**

*Monday, 22 May 2017 15:00 (30 minutes)*

**Presenter:** Dr ROTONDO, Marcello (INFN Padova)

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: 3

Type: **not specified**

## **Leptoquarks in $RD^{(*)}/RK^{(*)}$ [ $25'+5'$ ]**

*Tuesday, 23 May 2017 14:00 (30 minutes)*

**Presenter:** FAJFER, Svetlana

Contribution ID: 4

Type: **not specified**

## **The Role of Theory Input for Exclusive Vcb Determinations and the Prediction of $R(D^*)$ [25'+5']**

*Monday, 22 May 2017 15:30 (30 minutes)*

**Presenter:** SCHACHT, Stefan

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: 5

Type: **not specified**

## **LFU: Review of experimental results and prospects [25'+5']**

*Monday, 22 May 2017 16:40 (30 minutes)*

**Presenter:** WORMSER, Guy

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: 6

Type: **not specified**

## **Theory of Lepton Flavour Violation [25'+5']**

*Monday, 22 May 2017 17:10 (30 minutes)*

**Presenter:** NARDECCHIA, Marco (INFN)

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: 7

Type: **not specified**

## The $\epsilon^{\prime}/\epsilon$ tension and supersymmetric interpretation [25'+5']

*Tuesday, 23 May 2017 09:30 (30 minutes)*

**Presenter:** KITAHARA, Teppei

**Session Classification:** Anomalies in K physics and muon  $g-2$



Contribution ID: 8

Type: **not specified**

## **Anomalies in Kaon Physics: the NA62 program [25'+5']**

*Tuesday, 23 May 2017 09:00 (30 minutes)*

**Presenter:** BUCCI, Francesca (FI)

**Session Classification:** Anomalies in K physics and muon g-2

Contribution ID: 9

Type: **not specified**

## **Muon g-2 anomaly: experimental status and prospects [25'+5']**

*Tuesday, 23 May 2017 11:10 (30 minutes)*

**Presenter:** VENANZONI, Graziano (PI)

**Session Classification:** Anomalies in K physics and muon g-2

Contribution ID: **10**

Type: **not specified**

## **Theoretical prospects and possible interpretation in terms of NP [25'+5']**

*Tuesday, 23 May 2017 10:10 (30 minutes)*

**Presenter:** KNECHT, Marc

**Session Classification:** Anomalies in K physics and muon g-2

Contribution ID: 11

Type: **not specified**

## **Correlations in muon $g-2$ and flavour [25'+5']**

*Tuesday, 23 May 2017 11:40 (30 minutes)*

**Presenter:** MULLER, Dario

**Session Classification:** Anomalies in K physics and muon  $g-2$

Contribution ID: 12

Type: **not specified**

## **Theoretical aspects of charm and bottom production at the LHC, in view of the most recent results [40'+10']**

*Tuesday, 23 May 2017 16:40 (50 minutes)*

**Presenter:** MANGANO, michelangelo (cern)

**Session Classification:** Production of pairs and multiple pairs of b and c quarks at LHC

Contribution ID: 13

Type: **not specified**

## **Hard multiple parton interactions effects in open heavy meson sector at LHC [25'+5']**

*Tuesday, 23 May 2017 17:30 (30 minutes)*

**Presenter:** MACIULA, Rafal

**Session Classification:** Production of pairs and multiple pairs of b and c quarks at LHC

Contribution ID: 14

Type: **not specified**

## **Montecarlo used at LHC [25'+5']**

*Tuesday, 23 May 2017 18:00 (30 minutes)*

**Presenter:** Dr COVARELLI, Roberto (Univ. INFN Perugia)

**Session Classification:** Production of pairs and multiple pairs of b and c quarks at LHC

Contribution ID: 15

Type: **not specified**

## **Review of Experimental measurements [25'+5']**

*Tuesday, 23 May 2017 15:40 (30 minutes)*

**Presenter:** BELYAEV, Vanya

**Session Classification:** Production of pairs and multiple pairs of b and c quarks at LHC



Contribution ID: 16

Type: **not specified**

## **Belle II Status and Prospects [25'+5']**

*Tuesday, 23 May 2017 14:30 (30 minutes)*

**Presenter:** URQUIJO, Phillip

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 17

Type: **not specified**

## **Physics case of LHC-b upgrade [25'+5']**

*Tuesday, 23 May 2017 15:00 (30 minutes)*

**Presenter:** VAGNONI, Vincenzo Maria (BO)

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 18

Type: **not specified**

## Purely leptonic decays of b- and c- mesons LHC [25'+5']

*Wednesday, 24 May 2017 09:00 (30 minutes)*

**Presenter:** Mr MORDA, Alessandro (CPPM, Aix-Marseille Université, CNRS/IN2P3, Marseille, France)

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 19

Type: **not specified**

## Purely leptonic decays of b- and c- mesons at e+ e- [25'+5']

*Wednesday, 24 May 2017 09:30 (30 minutes)*

**Presenter:** Dr ZUPANC, Anze (KIT)

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 20

Type: **not specified**

## **Neutrino masses, mixing and CP-violating phases: status and prospects [25'+5']**

*Wednesday, 24 May 2017 10:10 (30 minutes)*

**Presenter:** LISI, Eligio (BA)

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 21

Type: **not specified**

## **New experimental results on CPV in the lepton sector [25'+5']**

*Wednesday, 24 May 2017 11:10 (30 minutes)*

**Presenter:** DE ROSA, Gianfranca (NA)

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 22

Type: **not specified**

## **Indirect Search for New Dynamics – like Odysseus’ Conquest of Troy by Cunning [40’+10’]**

*Wednesday, 24 May 2017 11:50 (50 minutes)*

**Presenter:** Prof. BIGI, Ikaros (Physics Dept., University of Notre Dame)

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 23

Type: **not specified**

## Discussion

*Monday, 22 May 2017 17:40 (10 minutes)*

**Session Classification:** Semileptonic decays and Lepton Flavour Universality



Contribution ID: 24

Type: **not specified**

## Discussion

*Tuesday, 23 May 2017 12:10 (10 minutes)*

**Session Classification:** Anomalies in K physics and muon  $g-2$

Contribution ID: 25

Type: **not specified**

## Discussion

*Tuesday, 23 May 2017 18:30 (10 minutes)*

**Session Classification:** Production of pairs and multiple pairs of b and c quarks at LHC

Contribution ID: 26

Type: **not specified**

## Discussion

*Tuesday, 23 May 2017 15:30 (10 minutes)*

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 27

Type: **not specified**

## Discussion

*Wednesday, 24 May 2017 11:40 (10 minutes)*

**Session Classification:** Lepton Sector and new experiments

Contribution ID: 28

Type: **not specified**

## Welcome

*Monday, 22 May 2017 14:00 (10 minutes)*

**Presenter:** RICCIARDI, Giulia (NA)

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: 29

Type: **not specified**

## Discussion

*Monday, 22 May 2017 16:00 (10 minutes)*

**Session Classification:** Semileptonic decays and Lepton Flavour Universality

Contribution ID: **30**

Type: **not specified**

## Discussion

*Tuesday, 23 May 2017 10:00 (10 minutes)*

**Session Classification:** Anomalies in K physics and muon  $g-2$

Contribution ID: **31**

Type: **not specified**

## **Discussion**

*Wednesday, 24 May 2017 10:00 (10 minutes)*

**Session Classification:** Lepton Sector and new experiments