

**Session Program**

**16-19 Apr 2019**

**Portorož 2019: Precision era in High Energy  
Physics**

***Flavor***

# Tuesday 16 April

09:00

## Flavor: 1

Session | Location:

09:00–09:35

### Recent experimental results in flavour physics

#### Speaker

Timothy Gershon

09:35–10:00

### B-decay discrepancies: how the picture changed after Moriond 2019

#### Speaker

Diego Guadagnoli

10:00–10:25

### Current status of the B-meson charged current anomalies

#### Speaker

Diptimoy Ghosh

10:25

14:40

## Flavor: 2

Session | Location:

14:40–15:05

### Leptonic Rare $B \rightarrow \ell \ell$ Decays as Probes of New Physics

#### Speaker

Robert Fleischer

15:05–15:30

### $b \rightarrow s \ell \ell'$ and $l \rightarrow l' \gamma$ in 2HDMs

#### Speaker

Andreas Crivellin

15:30–15:55

### Loop Effects solutions to B anomalies

#### Speaker

Marco Fedele

15:55–16:20

### What do we learn from the measure of $R_K$ ? and what's next?

#### Speaker

Prof. Matias Joaquim

16:20

# Wednesday 17 April

11:00

## Flavor: 3

Session | Location:

11:00–11:25

### Recent developments in Kaon physics

#### Speaker

Giancarlo D'Ambrosio

11:25–11:50

### $\epsilon'/\epsilon$ : 2019

#### Speaker

Prof. Andrzej Buras

11:50–12:15

### Probing the flavor of New Physics with dipoles

#### Speaker

Luiz Vale Silva

12:15–12:40

### The CKM matrix in the SMEFT

#### Speaker

Javier Virto

12:40

16:50

## Flavor: 4

Session | Location:

16:50–17:15

### New Results for inclusive $b \rightarrow c$ semileptonic transitions

#### Speaker

Thomas Mannel

17:15–17:40

### Lepton flavor universality tests in the angular observables of $B \rightarrow D^{(*)} \ell \bar{\ell}$

#### Speaker

Marco Fedele

17:40–18:05

### Probing multi-TeV new physics through $b \rightarrow c \bar{c} s$ transitions

#### Speaker

Sebastian Jaeger

18:05–18:30

### Implications of new physics in $b \rightarrow c \tau \nu$ for polarisation observables and $\Lambda_b \rightarrow \Lambda_c \tau \nu$

#### Speaker

Prof. Ulrich Nierste

18:30

## Thursday 18 April

14:40

### Flavor: 5

**Session | Location:**

14:40–15:05

#### New physics fits to the latest $bsll$ data

**Speaker**

Nazila Mahmoudi

15:05–15:30

#### Revisiting the vector leptoquark explanation of the B-physics anomalies

**Speaker**

Gino Isidori

15:30–15:55

#### General correlations to $R(K^{(*)})$ anomalies from a rank condition

**Speaker**

David Marzocca

15:55–16:20

#### On the Viable Leptoquark Models

**Speaker**

Damir Becirevic

16:20

16:40

### Flavor: 5

**Session | Location:**

16:40–17:05

#### Seeking axion-like particles through flavor observables

**Speaker**

Dr Olcyr Sumensari

17:05

Friday 19 April

09:00

Flavor: 6

Session | Location:

09:00–09:25

Strong decays of excited heavy mesons: Implications for spectroscopy

Speaker

Fulvia De Fazio

09:25–09:50

$\bar{B} \rightarrow D^*(D \pi, D \gamma) \ell \bar{\nu}_\ell$  modes and the search for New Physics

Speaker

Pietro Colangelo

09:50–10:15

Vacuum Induced CP Violation Generating a Complex CKM Matrix with Controlled Scalar FCNC

Speaker

Gustavo Branco

10:15–10:40

Charming asymmetry between matter and antimatter

Speaker

Alexey Petrov

10:40