

**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  $B \rightarrow s \ell \ell$  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  $B \rightarrow D^{(*)} \ell \bar{\nu}$**

**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  $b\text{sll}$  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