

## **Session Program**

**8-10 Nov 2017**

### **Implications of LHCb measurements and future prospects**

#### ***Semileptonic decays, rare decays, and tests of lepton flavour universality (session 2)***

CERN, 500/1-001 - Main Auditorium

# Thursday 9 November

08:30

## Semileptonic decays, rare decays, and tests of lepton flavour universality (session 2)

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Marianna Fontana, Stefanie Reichert, Danny van Dyk

08:30–08:55 **Long-distance effects in rare charm decays (20'+5')**

**Speaker**  
Oscar Catà

08:55–09:20 **Experimental overview on semileptonic decays (20'+5')**

**Speaker**  
Antonio Romero Vidal

09:20–09:40

**$B \rightarrow D^{*\ast}$  hadronic form factors within HQE and impact on  $R(D)$  and  $R(D^{*\ast})$  predictions (15'+5')**

**Speaker**  
Stefan Schacht

09:40–10:05  **$B^0_s \rightarrow K$  form factors from Light-Cone QCD Sum Rules (20'+5')**

**Speaker**  
Aleksy Rusov

10:05–10:30  **$B^0_s \rightarrow \{D_s, K\}$  form factors from lattice QCD (20'+5')**

**Speaker**  
Oliver Witzel

10:30–10:55  **$B \rightarrow D^{*\ast} | \nu$ : signals and backgrounds (20'+5')**

**Speaker**  
Zoltan Ligeti

10:55–11:15 **Coffee break**

11:15–11:35  **$B_c \rightarrow J/\psi$  form factors from lattice QCD (15'+5')**

**Speaker**  
Jonna Koponen

11:35–11:55

**$\Lambda_b \rightarrow \Lambda_c^{*\ast} | \nu$  as a probe of lepton flavour nonuniversality (15'+5')**

**Speaker**  
Elena Graverini

11:55–12:20 **Simultaneous explanations of the  $B$  anomalies (20'+5')**

**Speaker**  
Admir Greljo

12:20-12:45

**Impact of the \$B\$ anomalies on \$D\$ and \$K\$ decays (20'+5')**

**Speaker**

Svjetlana Fajfer

12:45-13:00

**Slot for further discussions or buffer for previous overruns**

13:00