

Session Program

3-5 Nov 2015

**Implications of LHCb measurements and
future prospects**

Rare Decays

CERN, 222/R-001

Tuesday 3 November

09:30

Rare Decays

Session | **Location:** CERN, 222/R-001 | **Conveners:**
Wolfgang Altmannshofer, Dr Marcin Chrzaszcz, Justine Serrano

09:30–10:00 **Overview of the LHCb results in $b \rightarrow sll$**

Speaker
Sam Cunliffe

10:00–10:20 **Partial and Higher moments for $B \rightarrow K\mu\mu$**

Speaker
Roman Zwicky

10:20–10:50 **Coffee**

10:50–11:10 **Overview of the global fits of $b \rightarrow sll$ data**

Speaker
Christoph Bobeth

11:10–11:30 **Extracting QCD corrections from data**

Speaker
Mauro Valli

11:30–11:50 **Treatment of QCD errors in SM predictions of $B \rightarrow K^*\mu\mu$**

Speakers
Joaquim Matias, Joaquim Matias

11:50–12:10 **SM errors in $B^0 \rightarrow K\mu\mu$**

Speakers
Sebastian Jager, Sebastian Jäger

12:10–13:00 **Discussion**

13:00

Wednesday 4 November

14:00

Rare Decays: Rare Decays

Session | **Location:** CERN, 222/R-001 | **Conveners:**
Dr Marcin Chrzaszcz, Justine Serrano, Wolfgang Altmannshofer

14:00–14:15 **Overview of LHCb results in LUV and LFV**

Speaker
Jon Harrison

14:15–14:30 **Two-Higgs-doublet models for radiative B decays**

Speaker
Xin-Qiang Li

14:30–14:45 **EWP Λ_{b}^{0} decays**

Speaker
Danny van Dyk

14:45–15:00 **Link between EWP anomalies and semi-leptonic decays**

Speakers
Gino Isidori, Gino Isidori

15:00–15:15 **Flavour anomalies interpretations**

Speaker
Giancarlo D'Ambrosio

15:15–15:45 **Discussion**

15:45