

# **LHCb UK Annual Meeting 2020**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## LHCb UK PhD prize talk

*Monday, 6 January 2020 15:45 (20 minutes)*

**Presenter:** BURR, Chris (CERN)

**Session Classification:** Open session

Contribution ID: 2

Type: **not specified**

## **B to gamma form factors at NLO**

*Monday, 6 January 2020 16:45 (20 minutes)*

**Presenter:** Mr PULLIN, Ben (Edinburgh)

**Session Classification:** Open session

Contribution ID: 3

Type: **not specified**

## Observation of $B \rightarrow \bar{p} p \mu \nu$

*Monday, 6 January 2020 17:05 (20 minutes)*

**Presenter:** SMITH, Mark (Imperial College (GB))

**Session Classification:** Open session

Contribution ID: 4

Type: **not specified**

## **Simple Z prime models for B anomalies and fermion masses**

*Monday, 6 January 2020 17:25 (20 minutes)*

**Presenter:** DAVIGHI, Joseph (University of Cambridge)

**Session Classification:** Open session

Contribution ID: 5

Type: **not specified**

## **Measuring the interference between short and long distance contributions in $B^{+-} \rightarrow K^+ \mu^+ \mu^-$ decays**

*Monday, 6 January 2020 16:25 (20 minutes)*

**Presenter:** Mr MADHAN MOHAN, Lakshan Ram (University of Bristol (GB))

**Session Classification:** Open session

Contribution ID: 6

Type: **not specified**

## Exploring Charm rescattering effect in B decays

*Monday, 6 January 2020 17:45 (20 minutes)*

**Presenter:** MAGALHAES, Patricia (University of Bristol (GB))

**Session Classification:** Open session

Contribution ID: 7

Type: **not specified**

## The LHCb Upgrade VELO

*Monday, 6 January 2020 13:35 (20 minutes)*

**Presenter:** MURRAY, Donal (University of Manchester (GB))

**Session Classification:** Open session



Contribution ID: 9

Type: **not specified**

## **B and Bs semileptonic form factors from lattice**

*Monday, 6 January 2020 13:55 (20 minutes)*

**Presenter:** HILL, Ryan

**Session Classification:** Open session

Contribution ID: 10

Type: **not specified**

## Measurement of the CKM angle $\gamma$ with $B^+ \rightarrow D(-\rightarrow Ksh)h'^+$ decays

*Monday, 6 January 2020 14:15 (20 minutes)*

**Presenter:** BJORN, Mikkel (University of Oxford)

**Session Classification:** Open session

Contribution ID: 11

Type: **not specified**

## $B_c \rightarrow J/\psi$ Form Factors and $R(J/\psi)$ using Lattice QCD

*Monday, 6 January 2020 16:05 (20 minutes)*

**Presenter:** Mr HARRISON, Judd (Glasgow)

**Session Classification:** Open session

Contribution ID: 12

Type: **not specified**

## Doubly charmed baryons

*Monday, 6 January 2020 14:55 (20 minutes)*

**Presenter:** SEMAN BOBULSKA, Dana (University of Glasgow (GB))

**Session Classification:** Open session

Contribution ID: 13

Type: **not specified**

## Charm lifetimes

*Monday, 6 January 2020 14:35 (20 minutes)*

**Presenter:** Mr VLAHOS, Christos (Durham)

**Session Classification:** Open session

Contribution ID: 28

Type: **not specified**

## Welcome

*Monday, 6 January 2020 13:30 (5 minutes)*

**Presenter:** BARLOW, Roger (University of Huddersfield (GB))

**Session Classification:** Open session