Session Program

May 6 – 10, 2019

Conference on Flavor Physics and CP Violation (FPCP 2019)

Parallel session 2

Bob Wright, B150

Tue, May 7

4:15 PM

Parallel session 2: Tuesday

Session | **Location:** Elliott 162 | **Convener:** Prof. Derek Harnett

4:15 – 4:30 PM

New Physics in $b\to c \tau \nu$: Impact of Polarisation Observables and $B_c \to \tau \nu$

Speaker
Marta Moscati

4:30 – 4:45 PM

Production of Lambda_b baryon and B0s mesons at LHCb

Speaker
Siim Tolk

4:45 – 5:00 PM

Observation of several sources of CP violation in B+ -> pi+pi+pi- decays

Speaker
Dr Alvaro Gomes dos Santos Neto

5:00 – 5:15 PM

First look at time dependent CP violation using early Belle II data

Speaker
Dr Stefano Lacaprara

5:15 – 5:30 PM

Renormalization Effects on Electric Dipole Moments in Electroweakly Interacting Massive Particle Models

Speaker
Dr Takumi Kuwahara

5:30 – 5:45 PM

Production of quarkonia and heavy flavour states in ATLAS

Speaker
Dr Sally Seidel

5:45 PM

Wed, May 8

1:55 PM

Parallel session 2: Wednesday

Session | **Location:** ELL 162 | **Convener:** Prof. Diego Martinez Santos

1:55 – 2:10 PM **Lepton non-universality in B-meson decays in the minimal leptoquark models**

Speaker
Dr Michal Malinský

2:10 – 2:25 PM **Searching for leptoquarks with the ATLAS detector**

Speaker
Mr Vincent Wong

2:25 – 2:40 PM **Semileptonic and leptonic B decay results from early Belle II data**

Speaker
Dr Markus Prim

2:40 – 2:55 PM **B lifetime and $B^0-\bar B^0$ mixing results from early Belle II data**

Speaker
Jakub Kandra

2:55 – 3:10 PM **Holographic QCD predictions for rare B decays**

Speaker
Dr Mohammad Ahmady

3:10 PM

Thu, May 9

5:00 PM

Parallel session 2: Thursday

Session | **Location:** Elliott 162 | **Convener:** Prof. Mike Roney

5:00 – 5:15 PM **Dark Sector Physics with Belle II**

Speaker
Prof. Christopher Hearty

5:15 – 5:30 PM **Electric Dipole Moments From Dark Sectors**

Speaker
Dr Shohei Okawa

5:30 – 5:45 PM **Higgs boson couplings to quarks at the ATLAS experiment**

Speaker
Dr Claire David

5:45 – 6:00 PM **ATLAS measurements of CP Violation and Rare decays in Beauty mesons**

Speaker
Dr Wolfgang Walkowiak

6:00 PM