

Session Program

16-18 Apr 2012

**Implications of LHCb measurements and
future prospects**

Charm

CERN, 222/R-001

Monday 16 April

14:00

Charm

Session | **Location:** CERN, 222/R-001 | **Conveners:** Silvia Borghi, Dr Marco Gersabeck, Patrick Spradlin

14:00-14:25 **Multi-body charm decays**

Speaker

Guy Wilkinson

14:25-14:35 **Discussion**

14:35-15:00 **Rare decays and multi-body final states at LHCb**

Speaker

Benoit Viaud

15:00-15:10 **Discussion**

15:10-15:35 **Lattice QCD and charm physics**

Speaker

Prof. Christine Davies Davies

15:35-15:45 **Discussion**

15:45

Tuesday 17 April

14:00

Charm

Session | **Location:** CERN, 222/R-001 | **Conveners:** Dr Marco Gersabeck, Silvia Borghi, Patrick Spradlin

14:00-14:25

Measurement of mixing and CP violation parameters in two-body decays at LHCb

Speaker

Matthew John Charles

14:25-14:35

Discussion

14:35-15:00

Flavour Symmetry Breaking on CP Violation in D-Meson Decays

Speaker

Soumitra Nandi

15:00-15:10

Discussion

15:10-15:35

SM contribution to DeltaACP

Speaker

Joachim Brod

15:35-15:45

Discussion

15:45

Wednesday 18 April

11:15

Charm

Session | **Location:** CERN, 222/R-001 | **Conveners:** Patrick Spradlin, Dr Marco Gersabeck, Silvia Borghi

11:15-11:30 Charm physics prospects with the LHCb upgrade

Speaker

Michael Sokoloff

11:30-11:35 Discussion

11:35-11:55 NP interpretations of DeltaACP

Speaker

Jernej Kamenik

11:55-12:00 Discussion

12:00-12:20 Interplay of DeltaACP and direct searches

Speaker

Cedric Delaunay

12:20-12:30 Discussion

12:30