

Session Program

31 March 2008 to 2 April 2008

IOP HEPP Particle Physics 2008

Parallel 2B: Flavour Physics - LHC

Lancaster University

Tuesday 1 April

11:00

Parallel 2B: Flavour Physics - LHC

Session | **Location:** Lancaster University, George Fox Lecture Theatre 5/6

11:00-11:12 **Quarkonium production and polarisation with early data at ATLAS**

Speaker

Mr Darren Price

11:13-11:25

Study of $B^{+-} \rightarrow D^0(K^{\pm}\pi^{\mp})K^{\pm}$ Dalitz decays and Sensitivity to gamma in LHCb

Speaker

Ms Ying Ying Li

11:26-11:38

Measuring Gamma with $B^0 \rightarrow D^0 K^{*0}$ decays at LHCb

Speaker

Jacopo Nardulli

11:38-11:50

Technical challenges to measurements of the CP phase gamma at LHCb with $B^- \rightarrow DK$ decays where the $D \rightarrow K^{\pm}\pi^{\mp}\pi^0$

Speaker

Mr Sean Brisbane

11:50-12:02

$B_s^- \rightarrow \phi \pi^0$ as a potential probe for New Physics at LHCb

Speaker

Mr Nicholas Styles

12:05-12:17

Performance and Physics with the channel $B_s \rightarrow J/\psi \phi$ at ATLAS

Speaker

Mr Alastair Dewhurst

12:18-12:30

$B_s \rightarrow J/\psi \phi$ and Misalignment in the ATLAS Detector

Speaker

Ruth Davidson

12:30