

Session Program

31 March 2008 to 2 April 2008

IOP HEPP Particle Physics 2008

Parallel 3B: Flavour Physics - LHC

Lancaster University

Wednesday 2 April

11:00

Parallel 3B: Flavour Physics - LHC

Session | **Location:** Lancaster University, George Fox Seminar Room B56**11:00-11:12** **B-Mixing and $b \rightarrow s \gamma$ in the Lee-Wick Standard Model****Speaker**

Aoife Bharucha

11:13-11:25 **Low $\tan \beta$ MSSM Predictions for $B_s \rightarrow \mu^+ \mu^-$ at the LHC****Speaker**

Mr Philip Tanedo

11:26-11:38 **Rare B to $K^* \mu \mu$ Decays at LHCb****Speaker**

Mr Hugh Skottowe

11:39-11:51**Measurement of CP and production asymmetries with $B_s \rightarrow D_s \mu \nu$ decays at LHCb****Speaker**

Mr Kenneth Lessnoff

11:52-12:04**An unbinned method to extract the Forward-Backward Asymmetry of $B_d \rightarrow K^* \mu^+ \mu^-$ decay on LHCb****Speaker**

Mr Franciole Marinho

12:05-12:17 **a_{fs} at LHCb: illuminating new physics****Speaker**

Mr Robert Lambert

12:18-12:30 **Probing CP violation in B_s mixing****Speaker**

Colin David Mc Lean

12:30