

Time-dependent CP violation measurements in B \rightarrow DX decays at LHCb

Friday, July 6, 2018 9:40 AM (20 minutes)

Time-dependent CP violation in B \rightarrow DX decays provides sensitivity to angles of the CKM matrix. The excellent time resolution of the LHCb detector provides opportunities to perform precise time-dependent measurements. A summary of recent LHCb results are presented, including the B \rightarrow D π analysis which profits from the largest flavour tagged sample analysed by LHCb to determine the CKM angle sum ($\gamma+2\beta$).

Presenter: BIRNKRAUT, Alex (Technische Universitaet Dortmund (DE))

Session Classification: Quark and Lepton Flavor Physics