

## Time-integrated CP violation measurements in $B \rightarrow DD$ and $B \rightarrow DKK$ decays at LHCb

*Friday, July 6, 2018 3:40 PM (20 minutes)*

Measurements of CP violation are a core part of the LHCb physics programme to over constrain the CKM matrix and to understand the differences between matter and antimatter. The worlds most precise measurement of ACP in  $B \rightarrow DD$  decays is presented alongside the first measurement of ACP in the  $B \rightarrow DsD$  channel. Results from  $B(s) \rightarrow DKK$  decays are also shown, including the first observation of the  $B_s \rightarrow DKK$  channel and inspections of the Dalitz plots.

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