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## **Bc charmless three body decays**

*Wednesday 9 May 2018 15:00 (15 minutes)*

A study of  $B_c^+ \rightarrow K^+ K^-$  decays was performed with data corresponding to  $3.0 fb^{-1}$  collected by LHCb at 7 and 8  $TeV$ . Evidence for the decay  $B_c^+ \rightarrow c_0(K^+ K^-)^+$  and indication of  $\bar{b}c$  weak annihilation are reported. Prospects of studies of decays in other channels will be discussed.

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