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## **Charmless two-body b-meson decays at LHCb (10' + 5')**

*Thursday, 4 August 2016 12:00 (15 minutes)*

Charmless b-mesons decays receive contributions from penguin diagrams which may exhibit effects of physics beyond the Standard Model.

We present the most recent measurements on such decays performed by LHCb, using the full data sample collected during the first run of the LHC.

In particular, we present the results of the analyses of  $B \rightarrow VV$  decays (where V indicate a vector particle) including measurements of branching fractions, CP asymmetries, polarisation fractions and T-odd correlations.

Moreover, we present CP violation measurements in  $B_{d,s} \rightarrow h^+ h^-$  decays and discuss their implication on the the CKM picture of the Standard Model.

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