

# Phenomenology 2015 Symposium



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## Studies of charmless B decays at LHCb

*Tuesday 5 May 2015 17:00 (15 minutes)*

Decays of b-hadrons to suppressed 'charm-less' final states are an attractive avenue to test the Standard Model, as they typically proceed via 'penguin' loop diagrams where new physics may enter virtually, and are also sensitive to CP violation via the interference between these penguin processes and the tree-level processes. We present the latest studies of such decays on the Run 1 dataset of the LHCb experiment.

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