



Contribution ID: 263

Type: **Oral Presentation**

Dalitz analysis of charmless b-hadron decays at LHCb (10' + 5')

Thursday 4 August 2016 11:30 (15 minutes)

Charmless b-hadron decays in the Standard Model are characterised by tree amplitudes which are comparable in size to loop amplitudes, and potentially by New Physics amplitudes. CP violation measurements using Dalitz plot analyses in multi-body decays enable the various contributions to be disentangled. We present the most recent measurements in this sector, notably results on $B \rightarrow K_s hh$ and $B \rightarrow 3h$ decays.

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Session Classification: Quark and Lepton Flavor Physics

Track Classification: Quark and Lepton Flavor Physics