



Contribution ID: 877

Type: **Parallel Talk**

## CP violation in charmless multibody B decays at LHCb

*Thursday, 7 July 2022 11:15 (17 minutes)*

The study of CP violation patterns across the phase space of multibody charmless B decays is of great interest as it brings information on the dynamics of residual strong interactions between quarks in the initial and final states of the decay. Understanding this dynamics is fundamental to distinguish between QCD effects and potential contributions from physics beyond the standard model. In this work we present the most recent measurements of CP violation in multibody charmless B decays at LHCb.

### In-person participation

Yes

**Primary author:** NEUBERT, Sebastian (Bonn University)**Presenter:** GOMES, Alvaro**Session Classification:** Quark and Lepton Flavour Physics**Track Classification:** Quark and Lepton Flavour Physics