



Contribution ID: 79

Type: **Talk**

Search for new physics in CP violation with beauty and charm decays at LHCb

Thursday, June 14, 2018 3:10 PM (20 minutes)

Precision measurements of CP violating observables in the decays of b and c hadrons are powerful probes to search for physics beyond the Standard Model.

The most recent results on CP violation in the decay, mixing and interference of both b and c hadrons obtained by the LHCb Collaboration with Run I and years 2015-2016 of Run II are reviewed. In particular world best constraints and world first measurements are provided for CKM elements, unitarity angles and charm parameters

Primary author: KECKE, Matthieu (Ruprecht Karls Universitaet Heidelberg (DE))

Presenter: KECKE, Matthieu (Ruprecht Karls Universitaet Heidelberg (DE))

Session Classification: CP violation/T violation