



Contribution ID: 461

Type: **Parallel session talk**

Recent time-dependent measurements of CP violation at Belle II

Tuesday 22 August 2023 10:12 (17 minutes)

Time-dependent measurements of CP violation are chief goals of the Belle II physics program. Comparison between penguin-dominated $b \rightarrow q\bar{q}s$ and tree-dominated $b \rightarrow c\bar{c}s$ results allows for stringent tests of CKM unitarity that are sensitive to non-SM physics. This talk presents recent Belle II results on $B^0 \rightarrow K_S\pi^0$, $B^0 \rightarrow K_S K_S K_S$, and $B^0 \rightarrow \phi K_S$ decays.

Collaboration / Activity

Belle II

Primary author: Mr TITTEL, Oskar (MPP)

Co-author: VAHSEN, Sven Einar (University of Hawaii)

Presenter: Mr TITTEL, Oskar (MPP)

Session Classification: T08 Flavour Physics and CP Violation

Track Classification: Flavour Physics and CP Violation