



Contribution ID: 192

Type: **Parallel Talk**

New physics constraints from angular analyses of B meson decays in CMS

Saturday, 9 July 2022 09:17 (17 minutes)

New particles beyond the standard model (SM) can affect the standard model processes by taking part in quark loops in the diagrams. The $b \rightarrow s l l$ transition is known to be a sensitive laboratory for such contributions, and several deviations from SM predictions were recently reported. In this talk, the recent CMS results on B meson decays involving $b \rightarrow s l l$ process are discussed.

In-person participation

Yes

Primary author: BOLETTI, Alessio**Co-author:** MEYER, Arnd**Presenter:** BOLETTI, Alessio**Session Classification:** Quark and Lepton Flavour Physics**Track Classification:** Quark and Lepton Flavour Physics