



Contribution ID: 183

Type: **not specified**

Study of electroweak-penguin B decays and other rare B decays at Belle

Tuesday 17 April 2018 10:00 (20 minutes)

Electroweak penguin B decays proceed through one loop diagrams at the lowest order. Since new particles beyond the Standard Model can enter in the loop, these processes are very sensitive to new physics. We report measurements of $b \rightarrow sl+l^-$ decays at Belle. We also report other rare B decays sensitive to New Physics. The analyses are based on the full data set at Y(4S) and Y(5S) resonances at Belle.

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Session Classification: WG3-WG5 Joint Session

Track Classification: WG5: Physics with Heavy Flavours