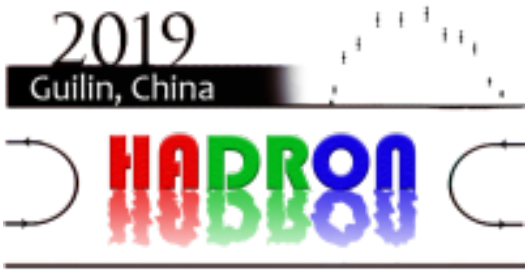

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Initial-final state strong interaction corrections to the B-> D l nu (tau nu) decays

By means of the effective theory used to take into account final state interaction in weak decays with two hadrons in the final state, which sometimes leads to resonant states, we take into account the loop corrections connecting the B and D mesons via pseudoscalar or vector exchange, having intermediate (B,D), (Bs,Ds), (B,*D*) or (B*s*,*D*s) states. We find corrections that modify the strength of the B -> D l nu and B -> D tau nu decay widths and discuss the corrections to the present standard model calculations that can come from there for the ratio of widths for these reactions.

Primary author: Dr IKENO, Natsumi (IFIC)

Co-authors: Prof. OSET, Eulogio (IFIC); Prof. DAI, Lianrong (Liaoning Normal U.)

Presenter: Dr IKENO, Natsumi (IFIC)

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