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## Study of Electroweak Penguin B Decays at Belle II Experiment

The  $b \to sll$   $(l=e,\mu)$  transition is a flavour-changing neutral current process that mediates through one-loop penguin or box diagrams. The decay is considered to be a good probe for the New Physics as particles predicted in the beyond Standard Model theories can enter into the loop. The exclusive decay  $B \to K^{(*)} l^+ l^-$  was first observed by the Belle experiment, and it provides many observables such as the branching fraction, CP asymmetry and forward-backward asymmetry and other angular observables. Recently, the LHCb experiment has reported some clue of a lepton universality violation from the branching fraction ratio of the  $B \to K \mu^+ \mu^-$  and  $B \to K e^+ e^-$  decays. In this presentation, we report the status of the analysis of the  $B \to K l^+ l^-$  decay at the Belle II experiment which started the data taking in 2019. We also present an activity at the Belle II Chulalongkorn University group where we study the  $B \to K J/\psi$  decay that has the same topology as the  $B \to K l^+ l^-$ .

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