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## Search for the lepton-number-violating decay $B \rightarrow D l l$ at Belle

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In the Standard Model, lepton-number-violating decays such as  $B^+ \rightarrow D^- \ell^+ \ell^+$  is strictly forbidden, but they are allowed if there exist Majorana-type neutrinos. In this poster, we report a first search for  $B^+ \rightarrow D^- \ell^+ \ell^+$  ( $\ell = e$  or  $\mu$ ) decays with  $772 \times 10^6$   $B\bar{B}$  pairs produced by energy-asymmetric  $e^+e^-$  collision at KEKB accelerator and recorded by the Belle detector. We measure no events in signal region and obtain upper limits of branching fraction in the order of  $10^{-6}$  at the 90% C.L.

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