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## Measurement of the decay $B^0 \rightarrow \pi^- l^+ \nu$ in untagged events and determination of $|V_{ub}|$ at Belle

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We present a measurement of the charmless semileptonic decay  $B^0 \rightarrow \pi^- l^+ \nu$  using a large sample of untagged  $Upsilon(4S) \rightarrow B \text{ anti-}B$  events collected with the Belle detector at the KEKB  $e^+ e^-$  asymmetric collider. From the results, we determine the branching fraction of the decay and extract the Cabibbo-Kobayashi-Maskawa matrix element  $|V_{ub}|$  using various approaches.

**Primary author:** TRABELSI, Karim (KEK)

**Presenter:** HA, Hyuncheong (Korea University)

**Session Classification:** 06 - CP violation, CKM and Rare Decays

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