



Contribution ID: 159

Type: **Presentation**

## **Results on D-mixing in CP-odd mode: $D \rightarrow K\omega$ , $\omega \rightarrow \pi^+\pi^-\pi^0$ at Belle**

*Thursday, 3 August 2017 14:06 (18 minutes)*

We report for the first time search for D-mixing in CP-odd mode using  $D \rightarrow K\omega$ ,  $\omega \rightarrow \pi^+\pi^-\pi^0$  using data sample corresponding to an integrated luminosity of  $966 \text{ fb}^{-1}$  collected by the Belle experiment at the KEKB asymmetric-energy  $e^+e^-$  collider. This decay mode is important as it has higher branching fraction than other CP-odd modes except  $K\pi^0$ .

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**Session Classification:** Quark and Lepton Flavor

**Track Classification:** Quark and Lepton Flavor