

## **Search for the 125 GeV Higgs Boson produced in association with top quarks**

*Monday, 10 October 2016 17:25 (20)*

The search for the production of the Higgs Boson with a pair of top-anti-top quarks is both very important and very challenging. The final results from run-1 are presented, with about  $20 \text{ fb}^{-1}$  of data at 8 TeV, as well as first run-2 results with  $13 \text{ fb}^{-1}$  of data at 13 TeV.

**Primary author(s)** : Mr. MITANI, Takashi (Waseda University)

**Presenter(s)** : Mr. MITANI, Takashi (Waseda University)

**Session Classification** : Nuclear physics and particle physics - parallel I

**Track Classification** : Nuclear physics and particle physics