

XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



Contribution ID: 67

Type: **not specified**

## Search for the 125 GeV Higgs Boson produced in association with top quarks: final run-1 results and first run-2 results from the ATLAS collaboration.

*Tuesday, April 12, 2016 9:40 AM (15 minutes)*

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  $3.2 \text{ fb}^{-1}$  of data at 13 TeV.

**Primary author:** Prof. ORESTANO, Domizia (Roma Tre University and INFN)

**Presenter:** BOUMEDIENE, Djamel Eddine (Univ. Blaise Pascal Clermont-Fe. II)

**Session Classification:** WG3 Electroweak Physics and Beyond the Standard Model

**Track Classification:** Electroweak Physics and Beyond the Standard Model