



**HEP 2013
Stockholm
18-24 July 2013**



Contribution ID: 785

Type: **Talk presentation**

Measurement of the inclusive top quark pair cross section in pp collisions at 7 and 8 TeV with the ATLAS detector

Thursday 18 July 2013 16:50 (20 minutes)

Measurements of the top quark production cross sections in proton-proton collisions with the ATLAS detector at the Large Hadron Collider are presented. The measurement require no, one or two electrons or muons in the final state (single lepton, dilepton, hadronic channel).

In addition, the decay modes with tau leptons are tested (channels with tau leptons).

Author: Prof. OREGLIA, Mark (University of Chicago (US))

Presenter: HENRICHS, Anna (Yale University (US))

Session Classification: Top and Electroweak Physics

Track Classification: Top and Electroweak Physics