Contribution ID: **176** Type: **not specified**

Top Higgs Yukawa coupling analysis - status report (via WebEx)

Wednesday 25 April 2012 09:10 (25 minutes)

At a linear collider, $e^+e^- \to t\bar{t}H$ will give a direct measurement of top-Higgs Yukawa coupling. We present here the prospect of such measurement in the context of International Linear Collider at $\sqrt{s} = 1$ TeV as an extension to our previous work at $\sqrt{s} = 500$ GeV. The study will be constructed for a Standard Model Higgs boson with a mass of 120 GeV using the semi-leptonic and hadronic final states.

Presenter: TABASSAM, Hajrah (Quaid-i-Azam University Islamabad)

Session Classification: ACFA Physics