



ID de Contribution: 67

Type: **Non spécifié**

Single Top Physics at the Tevatron

mardi 10 mars 2009 18:00 (20 minutes)

We present the first observation of the single top quark production at the Fermilab Tevatron experiments, CDF and D0. After applying the event selection, there is a small expected signal hidden under large and uncertain backgrounds. In order to further separate signal from background events, highly sophisticated methods are needed. The results of the different analyses performed by both collaborations are shown here. Searches for non-standard-model single top-quark production are also discussed.

Auteur principal: Dr PALENCIA, Enrique (Fermilab)

Orateur: Dr PALENCIA, Enrique (Fermilab)

Classification de Session: Flavour physics, top properties, lepton universality