



Contribution ID: 90

Type: **not specified**

Measurements of single top quark production at ATLAS

Thursday, 29 March 2012 09:18 (18 minutes)

We present the result of a measurement of single top-quark production in the t-channel at 7 TeV proton-proton collisions with the ATLAS detector at the Large Hadron Collider. A lower limit on the CKM matrix element $|V_{tb}|$ is extracted from this measurement. The single-top quark production in the Wt- and s-channels is also explored.

Primary authors: Prof. OREGLIA, Mark (University of Chicago (US)); BELL, William (Unknown); BELL, William Hamish (Universite de Geneve (CH))

Presenters: BELL, William (Unknown); BELL, William Hamish (Universite de Geneve (CH))

Session Classification: Combined: Electroweak and searches/heavy flavours

Track Classification: Electroweak and searches/heavy flavours