

Recent Top Quark Results from ATLAS

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June 14, 2012

Abstract

As the most massive fundamental particle ever observed, the top quark may play a key role in probing physics beyond the standard model. Several theories predict anomalous $t\bar{t}$ production or the existence of rare decays such as $t \rightarrow H^+b$. In 2011 ATLAS collected 5.25 fb^{-1} of data from $\sqrt{s} = 7 \text{ TeV}$ $p-p$ collisions and recorded an unprecedented number of $t\bar{t}$ events. This talk will summarize the most recent results from the ATLAS Collaboration on the top quark's production and decay.