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Top quark pair production cross section measurements in the single-lepton and di-lepton channels with ATLAS (15' + 5')

Thursday 9 June 2011 17:00 (20 minutes)

We present a measurement of the top-quark pair-production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the Large Hadron Collider using the full 2010 data sample. The cross sections are measured in the lepton+jets and dilepton channels both with and without the use of b-tagging

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