

Abstract Submitted
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Searching for t-tbar Resonances in the Lepton plus Jets Channel using pp Collisions at $\sqrt{s} = 7$ TeV with ATLAS FIONNBARR O'GRADY, University of Arizona, ATLAS COLLABORATION — We present results from a search for t-tbar pair resonances in the lepton plus jets final state using data from the ATLAS experiment in pp collisions at $\sqrt{s} = 7$ TeV. This search makes use of b-tagging in order to reduce the W plus jet background and a kinematic fitter to improve the t-tbar mass resolution. Prospects for limits of leptophobic topcolor Z' and Randall-Sundrum Kaluza-Klein gluons are given.

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