

Abstract Submitted  
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**Search for Electroweak Top Quark Production** THOMAS GAD-FORT, University of Washington — We present a search for Single Top Quark production at the Tevatron DØ Detector using 230 pb<sup>-1</sup> of data taken at  $\sqrt{s} = 1.96$  TeV. Single top quark production is a unique place to directly measure the Vtb CKM matrix element and also a possible window on physics beyond the standard model. A description of the DØ detector, details of the analysis and selection, and systematic errors will be presented. Finally, future plans and prospects will be presented.

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