

Abstract Submitted  
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**Measurement of the  $t\bar{t}$  production cross section at D0 using dilepton events** SUSAN BURKE, University of Arizona — We report on the measurement of the  $t\bar{t}$  production cross section with candidate events in the dilepton final state. The  $t\bar{t}$  signal is discriminated from background processes by requiring two identified leptons and using kinematic criteria that exploits the presence of neutrinos and energetic jets in  $t\bar{t}$  events.

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