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**Study of  $Z\gamma$  production** YURII MARAVIN, Fermi National Accelerator Laboratory, DZERO COLLABORATION — We present a measurement of the  $Z\gamma$  production cross-section and limits on CP-conserving anomalous  $ZZ^*\gamma$  and  $Z\gamma^*\gamma$  couplings for form-factor scales of  $\Lambda = 750$  and  $1000$  GeV. We collected 138 (152) candidate events in the  $ee\gamma$  ( $\mu\mu\gamma$ ) final states using 324 (286)  $\text{pb}^{-1}$  of  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV. 95% C.L. limits on individual anomalous couplings are  $|h_{30}^Z| < 0.21$ ,  $|h_{30}^\gamma| < 0.22$ , and  $|h_4^{\gamma^*Z0}| < 0.019$  for  $\Lambda = 1000$  GeV.

Prefer Oral Session  
 Prefer Poster Session

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