

# Measurement of the proton form factor in $e^+e^-$ annihilation at BaBar

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We present a study of the  $e^+e^- \rightarrow p \text{ anti-}p$  process using initial state radiation with BABAR. The BABAR data sample, 469 fb<sup>-1</sup>, collected at and near  $\Upsilon(4S)$  has been used to measure the  $e^+e^- \rightarrow p \text{ anti-}p$  cross section and the proton effective electromagnetic form factor. The ratio of the electric and magnetic form factors has been extracted from an analysis of the proton angular distribution for c.m. energies below 3 GeV. The charge asymmetry in the angular distribution has been also studied.

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