PHOTON 2019 - International Conference on the Structure and the Interactions of the Photon. Satellite Workshop: Photon Physics and Simulation at Hadron Colliders.

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3-7 June 2019

Satellite Workshop:

INFN - LNF, Frascati

Photon Physics and Simulation at Hadron Colliders 6-7 June 2019

Contribution ID: 75 Type: Talk

Recent results on two-photons processes at BaBar

Monday, 3 June 2019 17:20 (20 minutes)

We study process e+e- -> e+e-eta' in the double-tag mode and measure for the first time the gammagamma -> eta' formfactor

 $F(Q^2_1,Q^2_2)$ in the momentum-range $2 < Q^2_1,Q^2_2 < 60$ GeV². The analysis is based on data with an integrated luminosity

469 fb $^-$ 1 collected at the PEP-II e+e- collider with the BABAR detector at center-of-mass energies near 10.6 GeV. The results for the formfactor are compare with the predictions based on pQCD and VMD.

Summary

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