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## BABAR results on meson-photon transition form factors and ISR production of hadrons

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We report on latest results obtained at BABAR studying low energy  $e^+e^-$  annihilation, produced via initial state radiation. Hadronic cross sections are the experimental input for calculation of the muon anomalous magnetic moment, while the study of the final states and intermediate structures with unprecedented accuracy can reveal new states and their properties. In particular, an updated measurement, using the total data set taken by BABAR, of the cross sections for  $e^+e^- \rightarrow h+h'h'+h'^-$  (where  $h,h'=\pi,K$ ), and of the study of the  $Y(2175) \rightarrow \phi f_0(980)$  resonance, will be presented. In addition, two-photon processes can be studied at  $e^+e^-$  colliders via the reaction  $e^+e^- \rightarrow e^+e^- \gamma \gamma \rightarrow e^+e^- X$ , providing a suitable environment for hadron spectroscopy and tests of QCD predictions. We report recent measurements of the  $\gamma \gamma \rightarrow P$  transition form factors at large values of momentum transfer, where P is a pseudoscalar meson:  $\pi^0$ ,  $\eta$ ,  $\eta'$ , and  $\eta_c$ .

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