



XLVII International Symposium on
Multiparticle Dynamics (ISMD2017)
September 11-15, 2017, Tlaxcala City, Mexico

Contribution ID : 2

Type : **not specified**

New results on low-energy exclusive hadronic final states from BaBar

Tuesday, 12 September 2017 09:50 (0:25)

Content

The BABAR Collaboration has an extensive program studying hadronic cross sections in low-energy e^+e^- collisions, accessible through the selection of events with initial-state photon radiation. The measurements allow significant improvements in the precision of the standard model prediction for the muon anomalous magnetic moment. Recent results on the $\pi^+\pi^-\pi^0$ final state and on $KK\pi\pi$ final states are presented. The $\pi\pi\pi\pi$ channel is one of the most important for the muon $g-2$ calculation, while our measurements of the $KK\pi\pi$ channels obviate the need to rely on isospin relations and greatly improve the results in these channels.

Session

Hadronic final states in high p_T interactions

Primary author(s) : Prof. GARY, Bill (University of California, Riverside)

Presenter(s) : Prof. GARY, Bill (University of California, Riverside)

Session Classification : Hadronic final states in high p_T interactions (I)