

Recent results on hadrons via Initial State radiation at BABAR

vendredi 22 juillet 2011 12:45 (15 minutes)

We report on latest results obtained at BABAR studying low energy e^+e^- annihilations, 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.

Auteur principal: Dr ROBERTSON, Steven (IPP/McGill)

Orateur: HAFNER, Andreas

Classification de Session: QCD

Classification de thématique: QCD