SES15-2015-000089

Abstract for an Invited Paper for the SES15 Meeting of the American Physical Society

Recent Results from the Belle e^+e^- Experiment

HIMANSU SAHOO, Univ of Mississippi

In this talk, I will review the recent results from the Belle experiment at the KEK laboratory in Tsukuba, Japan. This experiment collected the worlds largest data sample of B mesons using $\Upsilon(4S)$ decays at the KEKB asymmetric-energy e^+e^- collider. I will present the recent results on CP asymmetry measurements in B decays sensitive to the unitarity triangle, radiative decays, and searches for new physics using the full data sample collected by the experiment. This experiment is currently being upgraded and aims at accumulating 40x more e^+e^- collision data. In this presentation, I will also highlight the this future Belle II facility and its main physics opportunities.