

COEセミナー

日時：平成17年11月25日(金) 11時より12時
場所：理学部 H棟7階 大セミナー室 (H701)
講師：森井 政宏氏 (ハーバード大学)

題目：B Physics Beyond CP Violation: Semileptonic B Decays

要旨：The success of the B Factories at SLAC and KEK has advanced our knowledge of CP violation, a prerequisite for the creation of the matter-dominant universe. Steady increase of data has brought a new era of precision CP measurements, in which the unitarity of the Cabibbo-Kobayashi-Maskawa matrix is scrutinized for signs of New Physics. One of the crucial information, surprisingly, comes not from CP violation but from studies of semileptonic decays of the B mesons. I will discuss how various measurements of the B semileptonic decays mesh together to determine the size of the smallest CKM matrix element $|V_{ub}|$, and how such measurements are made possible through progresses in the theory of B decays.

問い合わせ先：山中 卓 (内線 5356)