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Searches for BSM Effects at BaBar

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We report on multiple recent searches for supersymmetric, LFV/LNV, and other BSM effects with data collected by the BaBar experiment at the PEP-II e^+e^- collider. Using the entire BaBar dataset, we report the results of searches for: 1) the rare decay $D^0 \rightarrow K\pi e^+e^-$, and generic LFV/LNV $D \rightarrow hh'\ell\ell'$ decays; 2) $Y(3S) \rightarrow e^+\mu^-$ decays; and 3) beyond-SM T - and CP-violating effects in neutral B decays to charmonium.

Parallel Session

BSM aspects of Flavour and Neutrino Physics

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Session Classification: BSM aspects of Flavour and Neutrino Physics