Kaon physics from KTeV

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Abstract

The KTeV experiment at Fermilab consists of two experiments: E832 which is a study of CP violation in the neutral kaon system, with emphasis on the search for direct CP violation, and E799 II which is a study of rare decays of the K_L meson. We completed a long data collection period in September, 1997, and we are now engaged in analysis of those data. This talk will concentrate on the status of our CP–violation measurements, and the first results of our rare decay searches.