



PHYSICS AND ASTRONOMY COLLOQUIUM

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“Stellar Streams and Fundamental Physics”

Abstract

Stellar tidal streams originating from disrupting globular clusters in the Milky Way’s halo hold enormous promise as probes of both the large-scale structure of the Milky Way halo’s density distribution and its small-scale structure. As such, the observed density, spatial, and kinematic structure of stellar streams can provide important new constraints on the interactions and small-