

Abstract Submitted
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Searching for astrophysical neutrinos with Super-Kamiokande

ERIN O’SULLIVAN, Duke Univ, SUPER-KAMIOKANDE COLLABORATION —
After accumulating data for 20 years, Super-Kamiokande is a trove of information. Traditionally known for the measurement of atmospheric and solar neutrinos as well as the search for nucleon decay, Super-Kamiokande has also been used to search for neutrinos with astrophysical origins, including relic supernovae, GRBs, and supernova remnants. This talk will focus on the recent effort to measure astrophysical neutrinos in Super-Kamiokande from sources such as dark matter annihilation and from the gravitational wave events reported by LIGO.

Erin O’Sullivan
Duke Univ

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