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## **[455] Point source studies in IceCube**

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The IceCube detector has observed the first clear detection of a diffuse astrophysical high energy neutrino flux, however, the sources for these neutrinos have yet to be found. IceCube neutrino source searches involve looking for clustering of neutrinos or a strong correlation with known sources observed by other messengers also expected to emit a neutrino flux. The most recent updates will be presented in the search for sources of extraterrestrial neutrinos using an optimized data set of tracks with the addition of 2 more years of data. Results on a possible correlation between ultra-high energy cosmic rays and high energy neutrinos will also be shown.

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