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Recent results from Baikal-GVD

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Baikal-GVD is a large underwater neutrino detector currently under construction in Lake Baikal, Russia. With an instrumented volume already approaching 0.6 km³ and a sub-degree angular resolution, Baikal-GVD is starting to provide meaningful constraints on high energy neutrino sources. We review the current status of Baikal-GVD and recent results obtained with the partially completed instrument. This includes a measurement of the astrophysical diffuse neutrino flux, an analysis probing the Galactic diffuse neutrino flux, and searches for localized neutrino sources.

Collaboration you are representing

Baikal-GVD

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