

# The Baikal-GVD telescope follow-up analysis of the IceCube neutrino alerts

*Monday, 25 July 2022 14:00 (15 minutes)*

The Baikal Gigaton Volume Detector is a neutrino telescope currently under construction in Lake Baikal. The main goal of Baikal-GVD is to detect high-energy cosmic neutrinos using both track-like and cascade-like events. Baikal-GVD has been following the IceCube telescope neutrino alerts since September 2020. The prompt real-time response (the delay is  $\sim 3$  min) to these alerts is complemented with offline search for coincidences in the time windows of  $\pm 1$ h and  $\pm 12$ h. If a coincidence is found, the potential signal is compared with the expected background and upper limits on the neutrino fluence are calculated.

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**Session Classification:** Parallel 2

**Track Classification:** NU