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Follow up of the IceCube alerts on the Baikal GVD telescope

High energy neutrino alerts observed by IceCube in Fall 2020, have been performed in fast regime using Baikal-GVD data first time. Search for correlations between alerts and events reconstructed in two modes, track and cascade, for the time windows ± 1 hour and ± 12 hours does not indicate statistically significant excess of the number over the expected number of background events. Upper limits on fluences of the neutrino emission are presented for nine directions of the alerts.

Related session

Multi-messenger

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