

Baikal-GVD

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We present the status of newly constructed cluster of the Gigaton Volume Detector in Lake Baikal (Baikal-GVD) designed for registration of very high energy neutrinos of astrophysical origin. This “Dubna” cluster has been upgraded to its baseline configuration, with 288 optical modules (OMs) arranged on eight vertical strings. Thus the instrumented water volume has been gotten up to about 5.9 Mtons. The array was commissioned in early April 2016 and takes data since then. Preliminary results of data analysis with former cluster configuration operated during 2015 are discussed.

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