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Present status of the Baikal-GVD neutrino telescope

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Baikal-GVD is a cubic-kilometer scale deep-underwater neutrino detector being constructed in Lake Baikal. Since April 2020 the detector includes seven 8-string clusters carrying in total 2016 optical modules located at depths from 750 m to 1275 m. The progress in the construction and operation of the Baikal-GVD is reported. We review the scientific case for Baikal-GVD, the construction plan, and selected results from the partially built array which provides an effective volume of 0.35 km³ for cascades with energy above 100 TeV.

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