

Baikal-GVD neutrino telescope: status and first results

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The Baikal Gigaton Volume Detector (Baikal-GVD) is the km³-scale underwater neutrino telescope designed for the study of high-energy astrophysical neutrino flux. The Baikal-GVD sensitivity range extends from 100 GeV to multi-PeV neutrinos and beyond. The telescope is being in its construction phase and presently consists of 64 strings carrying 2304 optical sensors providing an effective volume for high-energy cascade detection of 0.4 km³. An overview of the detector construction, the status and prospects of the detector deployment and of the first results from partially built telescope is given in this talk.

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