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Neutrino Telescope in Lake Baikal: Present and Nearest Future

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The progress in the construction and operation of the Baikal Gigaton Volume Detector in Lake Baikal is reported. The detector is designed for search for high energy neutrinos whose sources are not yet reliably identified. It currently includes over 2300 optical modules arranged on 64 strings, providing an effective volume of 0.4 km³ for cascades with energy above 100 TeV. We review the construction plan and first results from the partially built detector which is currently the largest neutrino telescope in the Northern Hemisphere and still growing up.

Collaboration / Activity

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