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Towards a Gigaton Volume Neutrino Detector in Lake Baikal

Abstract content

R&D activities for the Lake Baikal Gigaton Volume (km³) detector have started. The currently operating Baikal Neutrino Telescope NT200+ gives an excellent opportunity for physics and technology tests, since new equipment can easily be installed during yearly routine telescope maintenance periods. We describe in-situ longterm tests of new Hamamatsu and Photonis PMTs (10", 12" and 13") and of a prototype PMT readout system with FADCs, and present the recently installed next generation string controller system.

If this papers is presented for a collaboration, please specify the collaboration

Baikal Collaboration

Summary

Reference

Primary author(s) : WISCHNEWSKI, R., et al. (Baikal Collaboration)

Presenter(s) : WISCHNEWSKI, R., et al. (Baikal Collaboration)

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