## Automatic data processing for Baikal-GVD neutrino observatory

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- The long-term R&D of the quasi-online data processing system software, which converts the initial data into data ready for physical analysis, has been completed.
- It provides fast data transfer from the site, full data processing chain including data quality monitoring, fast muon track and cascade event reconstructions and generation of alerts.
- The processed data is received 2 or more hours after the completion of a run, depending on the noise level of the lake. The next step in software development is to achieve a delay of about tens of minutes.
- This is an important milestone on the way to obtaining physical results with Baikal-GVD.