



ID de Contribution: 82

Type: **Oral presentation**

Gigaton Volume Detector in Lake Baikal

lundi 3 mai 2010 16:30 (30 minutes)

We review the status of the Lake Baikal Neutrino Experiment. Preparation towards a km³-scale Gigaton Volume Detector (GVD) in Lake Baikal is currently a central activity. A prototype string for the future km³-scale Baikal neutrino telescope has been deployed and is fully integrated into the NT200+ telescope. We describe preliminary design and expected sensitivity of the GVD telescope, and discuss the experience of the GVD prototype string operation. We also present recent results from the long-term operation of NT200.

Please indicate "poster" or "plenary" session. Final decision will be made by session coordinators.

plenary session

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Classification de Session: Cherenkov detectors in astroparticle physics

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