



ID de Contribution: 6

Type: **Non spécifié**

## The BAIKAL neutrino experiment: status, selected physics results, and perspectives

*mardi 22 avril 2008 11:20 (30 minutes)*

We review the status of the Baikal Neutrino Telescope, which is operating in Lake Baikal since 1998 and has been upgraded to the 10 Mton detector NT200+ in 2005. We present selected physics results on searches for upward going neutrinos, relativistic magnetic monopoles and for very high energy neutrinos. Recent results of R&D activities towards a km<sup>3</sup> Baikal neutrino telescope are discussed

**Orateur:** AYNUDTINOV, Vladimir (R.A.S. Moscow)

**Classification de Session:** Plenary Session I