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/opt/indico/archive/2016/C8/40222322483

Contribution ID : 87

Type : **Contributed Oral**

## **TAIGA experiment: present status and perspectives.**

*Wednesday, 1 March 2017 17:40 (0:20)*

### **Content**

The TAIGA observatory addresses ground-based gamma-ray astronomy at energies from a few TeV to several PeV, as well as cosmic ray physics from 100 TeV to several EeV. TAIGA will be located in the Tunka valley, ~50 km West from Lake Baikal. The different detectors of the TAIGA will be grouped in 6 arrays to measure Cherenkov and radio emission as well as electron and muon components of atmospheric showers. The combination of the wide angle Cherenkov detectors of the TAIGA-HiSCORE array and the 4-m Imaging Atmospheric Cherenkov Telescopes of the TAIGA-IACT array with their FoV of 10x10 degrees and underground muon detectors offers a very cost effective way to construct a 10 km<sup>2</sup> array for gamma-ray astronomy.

### **Summary**

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**Session Classification :** Instrumentation for Astroparticle and Neutrino physics

**Track Classification :** Instrumentation for Astroparticle and Neutrino physics