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## Tunka-133: Results of 5 Years Observation and Future Experiments

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EAS Cherenkov light array Tunka-133 with  $\sim 3$  km<sup>2</sup> geometric area operated since 2009. Five winter seasons of data acquisition ( $\sim 107$  triggers) and high quality of information permitted us to reconstruct primary energy spectrum and mass composition in the energy range  $6 \cdot 10^{15}$  to  $10^{18}$  eV. This energy range is the most important for understanding of transition from Galactic to extragalactic CR. The further experiments in Tunka Valley are briefly described –scintillation stations, Tunka radio extension, Tunka-HiSCORE, Tunka-IACT. The preliminary primary energy spectrum in the range 200 TeV - 20 PeV by the data of the first season of 9 HiSCORE stations operation will be presented. To start gamma-astronomy experiments in Tunka Valley researchers from a number of Russian and European Institutes arranged a Collaboration TAIGA (Tunka Advanced Instrument for cosmic ray and Gamma-Astronomy). The complex installation will consist of the net of wide-angle (1 sr field of view) Cherenkov light optical stations (Tunka-HiSCORE), several ( $\sim 10$ ) IACT telescopes based on hemispherical mirrors of 10 m<sup>2</sup> area (Tunka-IACT) and muon scintillation detectors of the total area  $\sim 2000$  m<sup>2</sup>.

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