

Carpet-2 search of gamma rays with energies $E_\gamma \geq 300$ TeV from the Milky Way

Search for gamma rays with energies ≥ 300 TeV was being performed at the Carpet-2 array at the INR RAS Baksan Neutrino Observatory from 2018 to 2022. We analyzed the spectra of gamma-like events from the Milky Way region and compared it with the rest of the sky. In addition, we studied several Galactic point sources, in particular those detected by LHAASO. The results of the searches will be presented at the conference.

Primary author: KUDZHAEV, Aleksander (INR RAS)

Co-author: Dr DZHAPPUEV, Tahir (Baksan Neutrino Observatory, Institute for Nuclear Research)

Presenter: KUDZHAEV, Aleksander (INR RAS)

Session Classification: Cosmic rays of very high energies (> 1 PeV)

Track Classification: Cosmic rays of very high energies (> 1 PeV)