

Particles and Cosmology – 2025

Tuesday, 8 April 2025

Poster Session - Conference hall (17:15 - 18:45)

| [id] title | presenter | board |
|--|------------------------|-------|
| [71] Neutrino production in the central dark-matter spikes of active galaxies | POLINA, Kivokurtseva | |
| [76] Exploring Exotic and Non-Standard Phenomena in the NOVA Experiment | IVANOVA, Aleksandra | |
| [96] Event selection for the NOvA 3 flavor analysis | KALITKINA, Anastasiia | |
| [73] Application of the amplitude analysis method to the study of mass and angular spectra of heavy tetraquarks in di-J/psi and J/psi-psi(2S) decay channels | DIDENKO, Alisa | |
| [78] Search for photon-induced air showers at the Carpet-3 experiment | POZDNUKHOV, Nikita | |
| [77] Hypothetical Lorentz invariance violation and the muon content of extensive air showers | ШАРОФЕЕВ, Андрей | |
| [79] Search for two-neutrino double electron capture on Ar-36 with DarkSide-50 detector | LYCHAGINA, Olga | |
| [97] Energy spectrum of primary cosmic rays according to the NEVOD-EAS array data | YUZHAKOVA, Elena | |
| [82] Charged pion momentum reconstruction in the 3D-segmented neutrino detector SuperFGD. | FEDOROVA, Daria | |
| [98] Inflation after Curvature Bounce | KAGIROV, Rinat | |
| [83] Performance of SuperFGD in the T2K neutrino beam | CHVIROVA, Angelina | |
| [84] Modifying EAS parameters reconstruction algorithms for Carpet-3 detector array | VASILIEV, Nikita | |
| [88] Emission of gravitational waves by cosmic domain walls with constant tension | DANKOVSKY, Ivan | |
| [87] Modeling of particle acceleration in star clusters with 3D-MHD simulations | KALYASHOVA, Maria | |
| [100] TeV-PeV neutrinos from AGN coronae | SOTIROV, Simon | |
| [85] Axion-like particle emission from type Ia supernovae | ДАВЫДОВ, Даниил | |
| [102] Cosmological constant due to quantum corrections to the effective potential | Mr FILIPPOV, Vladislav | |
| [89] Anomalous cosmic-ray correlations of the TA arrival directions with BL Lacs | KUDENKO, Maria | |
| [91] Measurement of the CNO solar neutrino flux in Borexino | VISHNEVA, Alina | |
| [92] Application of machine learning in lattice quantum theory | SALNIKOV, Dmitry | |
| [94] Sterile Neutrino Dark Matter | KALASHNIKOV, Dmitry | |
| [93] SuperNova Early Warning System status and plans | SHESHUKOV, Andrey | |
| [95] Detection of Gamma Rays from the Crab Nebula with TAIGA-IACT Telescopes in Stereo Mode Based on 2020–2023 Data | VOLCHUGOV, Pavel | |

Poster Session - Conference hall (20:00 - 21:15)