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The 7th international conference on particle physics and astrophysics

Wednesday 23 October 2024

Astroparticle: Oral talks - Moskvorechye 2 (17:00-19:00)

-Conveners: Dmitry Zaborov

time	[id] title	presenter
17:00	[193] Crust of accreting neutron stars	CHUGUNOV, Andrey
17:12	[315] Correlations of Neutron Star Observables with Properties of Nucleonic and Hyperonic Interactions	NASAKIN, Artur
17:24	[249] Nucleosynthesis in the crust of minimal mass neutron star. Stripping model.	IGNATOVSKIY, Anton
17:36	[272] Heating of a molecular cloud by a primordial black hole	Mr. MELIKHOV, Alexander
17:48	[137] Minimal analytical model of neutrino distribution function in supernova	DOBRYNINA, Alexandra
18:00	[318] Review of neural network methods for the BaikalGVD experiment	PLOTNIKOV, Grigory
18:12	[236] Direct detection of Dark matter and neutrino fog	CALABRESE, Roberta
18:24	[179] A search for correlation of neutrino events in the Borexino detector with transient astrophysical phenomena	LOMSKAYA, Irina
18:36	[13] PHELEX: Results and Perspectives	Dr. KOPYLOV, Anatoly
18:48	[9] Quark-less Baryonium Dark Matter States as Progenitors for Hadron Generations	Dr. PISKOUNOVA, Olga

Friday 25 October 2024

Astroparticle: Oral talks - Moskvorechye 2 (16:30-19:00)

-Conveners: Igor Yashin

time	[id] title	presenter
16:30	[86] The TAIGA experiment - current status, recent results and development prospects.	Prof. BUDNEV, Nikolay
16:45	[229] Uncovering Anomalies in Gamma-Ray Bursts: A Deep Learning Analysis of X-Ray Afterglows	MARTYNENKO, Nickolay
16:57	[303] Mass composition of primary cosmic rays by the latest TAIGA-HiSCORE data	TERNOVOY, Mark
17:09	[107] About the nature of anomalous events in the TUS detector	KARATASH, Khussein
17:21	[45] Thin layer axion dynamo	DVORNIKOV, Maxim
17:33	[112] Cosmic ray events with electromagnetic showers triggered in the NUCLEON experiment	SLEPNYOV, Stanislav
17:45	[226] Simulation of the horizontal and upward going EASs with $E > 10^{19}$ eV for the orbital experiments	SHOLTAN, Yeldos
17:57	[195] On the clustering method of large muon events on the LVD detector	Mr. SIMANOVSKIY, Mark
18:09	[178] MODULATION OF THE ALL-PARTICLE SPECTRUM OF COSMIC RAYS IN AN ANISOTROPIC DIFFUSION APPROACH	BORISOV, Vladislav
18:21	[33] Arcade of magnetic lines passing through the chain of density maxima: the result of MHD simulation above active region in order to obtain conditions for acceleration of solar cosmic rays	PODGORNY, Alexander
18:33	[71] Analysis of Reasons of the Geomagnetic Storm on December 1-2 2023 from Interplanetary Scintillation Observations at the BSA LPI Radio Telescope	Mr. LUKMANOV, Vladislav