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The 6th international conference on particle physics and astrophysics

Thursday 01 December 2022

Astroparticle Physics: Session 1 - Moskvorechye 2 (10:30-13:00)

-Conveners: Mihail Korotkov

time	[id] title	presenter
10:30	[17] MHD simulation in the solar corona to obtain conditions for the acceleration of cosmic rays during solar flares	PODGORNY, Alexander
10:45	[348] Diffusion of relativistic runaway electron avalanches	SEDELNIKOV, Alexander
11:00	[158] Influence of hydrometeors on relativistic runaway electron avalanches	ZEMLIANSKAYA, Daria
11:15	[169] The TAIGA - an hybrid detector complex in Tunka valley for astroparticle physics, cosmic ray physics and gamma-ray astronomy.	BUDNEV, Nikolay
11:30	[192] Highlights from the Telescope Array experiment	KUZNETSOV, Mikhail
11:45	[219] Multicomponent studies of extensive air showers detected by the installations of the Experimental complex NEVOD	KHOKHLOV, Semyon
12:00	[265] Muon puzzle in cosmic rays according to NEVOD-DECOR experiment data	BOGDANOV, Aleksei
12:15	[311] Detection of TeV emission from the Crab Nebula using the first two IACTs in TAIGA in stand-alone and stereo modes of observation	VOLCHUGOV, Pavel
12:30	[321] About an anomalous event registered by the TUS space detector	BLINOV, Alexandr
12:45	[323] The modulation of positively and negatively charged particles at 1 GV rigidity during 23-24 solar cycles	MIKHAILOV, Vladimir MUKHIN, Pavel

Astroparticle Physics: Session 2 - Moskvorechye 2 (17:30-19:44)

-Conveners: Mihail Korotkov

time	[id] title	presenter
17:30	[24] The double Compton process in a strongly magnetized plasma	RUMYANTSEV, Dmitry
17:45	[32] Investigation of FSR photon suppression in two positron decay mode of dark matter particles by means of MC generators.	BARAK, Ramin
18:00	[35] Towards a possible discovery of dark photons	KOPYLOV, Anatoly
18:15	[64] Pasta phases in neutron stars: Extended Thomas-Fermi vs Compressible Liquid Drop approaches	CHUGUNOV, Andrey
18:30	[114] Radiation transfer in a strong magnetic field with resonance effects taken into account	YARKOV, Alexey
18:45	[115] Muon puzzle: possible approach to the solution	NIKOLAENKO, Roman
19:00	[125] Positronium decay in a strong magnetic field	Prof. KOSHELKIN, Andrew
19:15	[187] Search for low mass WIMP dark matter with DarkSide	Mr. MACHULIN, Igor

19:30	[255] Preliminary results of analysis of Ia type events redshift distributions on data of the Open and Asiago Supernovae Catalogues	ARKHANGELSKAJA, Irene
19:37	[283] Presence of dual structure in galaxy clusters from CfA2 Redshift Survey which reveal high-energy γ -associations on Fermi/LAT 12-Year Point Source Catalog 4FGL DR3.	ARKHANGELSKAJA, Irene