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IV international conference on particle physics and astrophysics

Tuesday 23 October 2018

Particle Physics: Neutrino Physics: 1 - Moskvorechye 1 hall (09:00-11:00)

-Conveners: **Mikhail Skorokhvatov**

time	[id] title	presenter
09:00	[324] Neutrino astrophysics with Borexino: comprehensive study of proton-proton chain solar neutrinos	Dr. LITVINOVICH, Evgeny
09:15	[331] New constraints on magnetic moments of solar neutrinos in Borexino	VISHNEVA, Alina
09:30	[318] Measurement of variations in the flux of atmospheric muons using underground LVD detector	AGAFONOVA, Natalia
09:45	[434] Calibration and rare physics searches with the SNO+ experiment	NIRKKO, Martti
10:00	[431] Latest astrophysical and particle physics results and future prospects from IceCube	STUTTARD, Thomas
10:15	[501] Reconstruction of the spectrum of cascades generated by VHE muons in IceCube	KHOKHLOV, Semyon
10:30	[363] Detecting neutrinos from the next galactic supernova in the NOvA detectors	SHESHUKOV, Andrey
10:45	[263] Earth thermal flux in the light of geoneutrinos	Dr. SINEV, Valery

Particle Physics: Neutrino Physics: 2 - Petrovskiy hall (16:45-18:55)

-Conveners: **Alexander Barabash**

time	[id] title	presenter
16:45	[328] The first observation of effect of oscillation in Neutrino-4 experiment on search for sterile neutrino	Prof. SEREBROV, Anatolii
17:10	[430] Reactor antineutrino measurements with DANSS experiment	ALEKSEEV, Igor
17:25	[557] Statistical data analysis in the DANSS experiment	SKROBOVA, Natalia
17:40	[408] The latest results from the Daya Bay	Mr. TRESKOV, Konstantin
17:55	[440] Latest results from T2K	CHAPPELL, Andy
18:10	[296] New results from the OPERA experiment in the CNGS neutrino beam	VASINA, Svetlana
18:25	[329] Experiment BEST-2 with a source of ^{65}Zn on gallium target for the search of neutrino oscillations on a short baseline	Dr. GORBACHEV, Valery
18:40	[582] The CUORE Experiment : Neutrinoless Double Beta Decay Results	ALDUINO, Cristopher

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Particle Physics: Neutrino Physics: 3 - Petrovskiy hall (09:00-11:00)

-Conveners: Evgeny Litvinovich

time	[id] title	presenter
09:00	[276] Double beta decay experiments: present and future	Dr. BARABASH, Alexander
09:15	[351] EXO-200 results	Mr. BELOV, Vladimir
09:30	[366] Search for neutrinoless double beta decay with the KamLAND-Zen experiment	Dr. CHERNYAK, Dmitry
09:45	[443] The background simulation of experiment for searching of 2K-capture in ^{124}Xe	KAZALOV, Vladimir
10:00	[415] Project KATRIN: First results and future plans.	Dr. TITOV, Nikita
10:15	[470] Experimental study of CEvNS process	Dr. AKIMOV, Dmitry
10:30	[486] Experimental program of the COHERENT collaboration	Mr. KONOVALOV, Alexey
10:45	[461] Neutrino recoil force in electron-capture decay of polarized nuclei: measurement prospects and potential applications	Mr. TITOV, Oleg