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IV international conference on particle physics and astrophysics

Tuesday 23 October 2018

Facilities and Advanced Detector Technologies: 1 - Moskvorechye 2 hall (09:00-11:00)

-Conveners: Igor Alekseev

time	[id] title	presenter
09:00	[261] Time of arrival analysis of constant count rate measurements data	NOZIK, Alexander
09:15	[270] Sub-fs electrons bunches diagnostics through coherent optical transition radiation	ALEKSEEV, Boris
09:30	[400] Photo-sensors and Front-end Electronics for the Fast Interaction Trigger detector of the ALICE experiment at CERN	SEREBRYAKOV, Dmitry
09:45	[484] Study of noise characteristics of irradiated pixel detectors	NESTEROV, Dmitrii
10:00	[464] A quasi-monochromatic electron beam of "PAHRA" accelerator for calibration of detectors	Dr. BASKOV, Vladimir
10:15	[473] MTCA Systems for Data acquisition	Mr. CHIRKOV, Kirill
10:30	[475] Noble Element Simulation Technique v2.0	Ms. KOZLOVA, Ekaterina
10:45	[510] ASIC evolution for particle physics and astrophysics	ATKIN, Eduard

Facilities and Advanced Detector Technologies: 2 - Moskvorechye 2 hall (16:45-18:55)

-Conveners: Anatoly Petrukhin

time	[id] title	presenter
16:45	[347] Creation of the "Carpet-3" multipurpose shower array for search of diffuse gamma radiation with energy $E > 100$ TeV	Dr. KUDZHAEV, Aleksandr
17:00	[361] Characterization of a scintillator tile equipped with SiPMs for future cosmic-ray space experiments	Dr. LOPARCO, Francesco
17:15	[437] Investigation of muon bundles generated by UHECR by means of the new coordinate-tracking detector	Dr. ZADEBA, Egor
17:30	[438] ArgonCube: A Modular Approach for Very Large Liquid Argon Time Projection Chambers	BERNER, Roman
17:45	[485] Two-phase emission liquid xenon detector RED100 for rare events search at ground level laboratory	KHROMOV, Alexander
18:05	[526] New method of high-energy gamma ray direction reconstruction in multilayered converters	Mr. KHEYMITS, Maxim
18:20	[541] A perspective of gamma-ray bursts registration due to gamma-telescope GAMMA-400	ARKHANGELSKAJA, Irene

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Facilities and Advanced Detector Technologies: 3 - Moskvorechye 2 hall (09:00-11:00)

-Conveners: **Vasilii Mochalov**

time	[id] title	presenter
09:00	[342] The Dark Matter search at KamLAND	KOZLOV, Alexandre
09:20	[345] Overview of the Compact Linear Collider (CLIC) project	PANDUROVIC, Mila
09:40	[380] The AEgIS experiment: towards antimatter gravity measurements	KHALIDOVA, Olga
10:00	[420] Status of the Super Charm-Tau project at Novosibirsk	KROKOVNY, Pavel
10:20	[463] The Nuclotron-based Ion Collider Facility (NICA) Project. The Physics Programme for the Multi-Purpose Detector.	GERAKSIEV, Nikolay
10:40	[339] UCN supersource at WWR-M reactor development	Mr. LIAMKIN, Vitalii

Facilities and Advanced Detector Technologies: 4 - Petrovskiy-2 hall (16:15-18:20)

-Conveners: **Vitalii Okorokov**

time	[id] title	presenter
16:15	[428] Hadronic shower properties in highly granular calorimeters with different absorbers	CHADEEVA, Marina
16:30	[540] Development of a novel 3D SuperFGD neutrino detector	MEFODIEV, Aleksandr
16:45	[396] Calibration and performance of the ATLAS Tile Calorimeter	PETUKHOVA, Krystsina
17:00	[356] Calibration of the photon spectrometer PHOS of the ALICE experiment	Dr. BLAU, Dmitry
17:15	[381] On fluctuations of the charge particles multiplicities in the electromagnetic showers.	Prof. DENISOV, Sergey
17:35	[468] Studies of the Electromagnetic Calorimeter with projective geometry for the MPD/NICA	DABROWSKA, Boyana
17:50	[520] A Monte Carlo Study of Hypernuclei production at NICA/MPD	ILIEVA, Mariya
18:05	[462] Neutron lifetime measurement with the big gravitational trap for ultracold neutrons. Current state and future prospects.	CHECHKIN, Anton

Thursday 25 October 2018

Facilities and Advanced Detector Technologies: 5 - Petrovskiy hall (16:30-18:55)

-Conveners: Alexander Bolozdynya

time	[id] title	presenter
16:30	[389] Characterisation of the first prototype of large Micromegas chamber "LM2 Module-0" for the upgrade of the ATLAS Muon System	DUBININ, Filipp
16:45	[286] Measurement of the energy spectra and of the angular distribution of the Transition Radiation with a silicon strip detector	Dr. LOPARCO, Francesco
17:05	[576] The Silicon Tracking System of the CBM Experiment at FAIR	Dr. LAVRIK, Evgeny
17:20	[267] GEM detectors for the Upgrade of the CMS Muon Forward system	MOCELLIN, Giovanni
17:35	[330] GEM / CSC tracking system of the BM@N experiment at the Nuclotron	MAKSYMCHUK, Anna
17:50	[426] Performance of the ALICE charge-particle veto detector in pp collisions at 13 TeV	Mr. EVDOKIMOV, Sergey
18:05	[410] The use of CVD diamond in gas detectors of charged particles for experiments in high-energy physics.	Mrs. DRIBAS, Irina
18:20	[315] $^4\pi$ semiconductor beta-spectrometer for measurement of ^{144}Ce - ^{144}Pr spectra	Mr. DRACHNEV, Ilia
18:35	[379] Track Based Alignment Procedures of the CBM Silicon Tracking Detector	DAS, Susovan