

QUARKS-2018

Monday 28 May 2018

Parallel Section #1 (15:00-17:00)

time	[id] title	presenter
15:00	[13] Classical and quantum dynamics of higher-derivative theories.	SMILGA, Andrei
15:30	[14] Ghost-Free Theory with Third-Order Time Derivatives.	YAMAGUCHI, Masahide
16:00	[16] Constraints on Extended Gravity at Galaxy Clusters Scales.	ALEXEYEV, Stanislav
16:30	[17] Cosmological perturbations during the kinetic inflation in the Horndeski theory.	SUSHKOV, Sergey

Parallel Section #1 (17:30-19:20)

time	[id] title	presenter
17:30	[18] Ultraviolet phenomena in AdS self-interacting quantum field theory.	AKHMEDOV, Emil
18:00	[97] Cosmological bounce in Horndeski theory and beyond.	VOLKOVA, Victoria
18:20	[21] The Possible Lost Anisotropy of the Unruh radiation.	KHOLUPENKO, Evgeny
18:50	[233] .	

Tuesday 29 May 2018

Parallel Section #1 (15:00-17:00)

time	[id] title	presenter
15:00	[53] Superconducting Dark Matter.	VIKMAN, Alexander
15:30	[54] Clockwork Dark Matter.	TYTGAT, Michel
16:00	[55] Axion dark matter and cosmology.	SAIKAWA, Kenichi
16:30	[56] keV sterile neutrino with large mixing angle is still alive.	CHUDAYKIN, Anton

Parallel Section #1 (17:30-19:40)

time	[id] title	presenter
17:30	[57] Phenomenology of axion miniclusters.	TKACHEV, Igor
18:00	[58] Gravitational Bose condensation of dark matter axions.	LEVKOV, Dmitry
18:30	[59] Laser effect for cosmic axions.	PANIN, Alexander
19:00	[60] Search for a new X boson and Dark Photons in NA64 at the CERN SPS.	KIRSANOV, Mikhail
19:20	[61] Axion search and neutron dipole moment in cryogenic experiments with quantum data receiver.	ROMANENKO, Victor

Wednesday 30 May 2018

Parallel Section #1 (15:00-17:00)

time	[id] title	presenter
15:00	[90] Inflation and pre-inflation in R^2 and related gravity models.	STAROBINSKY, Alexei
15:30	[91] Generality of Starobinsky inflation.	TOPORENSKY, Alexey
16:00	[92] Conformal Higgs portal models.	PROKOPEC, Tomislav
16:30	[93] Theory of Large Scale Structure: Successes, Challenges and Prospects.	IVANOV, Mikhail

Parallel Section #1 (17:30-19:50)

time	[id] title	presenter
17:30	[94] Nuclear Emulsions for WIMP Search with Directional Measurement (NEWSdm).	STARKOV, Nikolai
18:00	[95] Evolution of a domain wall in expanding universe: inflation and after it.	GODUNOV, Sergey
18:30	[96] Difficulties of N-body cosmological simulations and the physics of dark matter.	BAUSHEV, Anton
19:00	[222] .	

Thursday 31 May 2018

Parallel Section #1 (10:00-11:30)

time	[id] title	presenter
10:00	[121] The AVV triangle diagram in QCD and the generalized Crewter relation: scheme (in)dependent results.	KATAEV, Andrei
10:30	[122] SUSY-like relation in evolution of gluon and quark jet multiplicities.	KOTIKOV, Anatoly
11:00	[123] Skewed Sudakov Regime.	PIVOVAROV, Grigory

Parallel Section #1 (11:50-13:20)

time	[id] title	presenter
11:50	[124] On the relation between pole and running masses of the heavy quarks and charged leptons.	MOLOKOEDOV, Victor
12:20	[125] Scattering beyond the plane-wave approximation and probing of phases of scattering amplitudes.	KARLOVETS, Dmitry
12:50	[126] Functional approach for the description of vacuum influence on electron states.	BIRYUKOV, Alexander

Parallel Section #1 (15:00-17:00)

time	[id] title	presenter
15:00	[142] Overview of Telescope Array results on ultra-high-energy cosmic rays.	RUBTSOV, Grigory
15:30	[143] Ultra-high-energy cosmic rays mass composition studies with the Telescope Array Surface Detector data.	ZHEZHER, Yana
15:50	[144] Mass composition of cosmic rays with energies from $10^{17.2}$ eV to 10^{20} eV using surface and fluorescence detectors of the Pierre Auger Observatory.	KUKEC MEZEK, Galv{s}per
16:20	[145] Variation in the energy of cosmic ray muons underground.	MALGIN, Alexey

Parallel Section #1 (17:30-19:30)

time	[id] title	presenter
17:30	[146] Secondary signal from ultra-high energy cosmic rays produced by distant blazars.	KALASHEV, Oleg
18:00	[147] Ultra-high energy cosmic rays and the strongest AGN flares.	PSHIRKOV, Maxim
18:30	[148] Intergalactic electromagnetic cascades in the magnetized Universe as a tool of astroparticle physics.	DZHATDOEV, Timur
19:00	[149] Search for ultra high energy photons with the Telescope Array experiment.	KUZNETSOV, Mikhail

Friday 01 June 2018

Parallel Section #1 (15:00-17:00)

time	[id] title	presenter
15:00	[181] Low-scale leptogenesis.	TIMIRYASOV, Inar
15:30	[182] Dark matter and baryon asymmetry from the very dawn of Universe.	RAMAZANOV, Sabir
16:00	[183] Impact of gravitational baryogenesis on cosmological evolution.	ARBUZOVA, Elena
16:30	[231] .	

Parallel Section #1 (17:30-19:40)

time	[id] title	presenter
17:30	[184] Bound on a flux of ultra-high energy neutrinos in a scenario with extra dimensions.	KISSELEV, Alexander
18:00	[186] Constraining the star formation rate with the extragalactic background light.	KOROCHKIN, Alexander
18:20	[228] .	