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The 7th international conference on particle physics and astrophysics

Thursday 24 October 2024

HEP Theory: Oral talks - Petrovskiy 1 (09:45-11:30)

-Conveners: Vakhid Gani

time	[id] title	presenter
09:45	[190] Dynamical $O(4)$ -symmetry in the light meson spectrum within the framework of the Regge approach	TSYMBAL, Alisa
10:00	[233] Gravitational axial anomaly, cosmological constant and Unruh effect in curved spacetime	KHAKIMOV, Roman
10:15	[156] Triply heavy tetraquark spectroscopy	Ms. SAVCHENKO, Elena
10:30	[289] Duality of gravity and hydrodynamics: quantum anomalies	PROKHOROV, Georgy
10:45	[260] Extended Vector Meson Dominance Model for Electromagnetic Nucleon Form Factors	LEVASHKO, Nikita
11:00	[279] New splitting functions for inelastic bremsstrahlung from Pauli electromagnetic form factor	KRIUKOVA, Ekaterina
11:15	[82] Production of leptonic bound states in electron – positron annihilation	MARTYNENKO, Fedor

HEP Theory: Oral talks - Petrovskiy 1 (17:00-19:00)

-Conveners: Mikhail Vysotsky

time	[id] title	presenter
17:00	[320] Gribov copy effects in lattice gluodynamics	Dr. BORNIAKOV, Vitaly
17:12	[325] Four-vector deformations and holographic principle	Mr. PETROV, Timophey
17:24	[12] Holographic model for color superconductivity in d-dimension	HOANG VU, Nguyen
17:36	[151] The EW- related uncertainties in the PT QCD variation of the running heavy quarks masses	KATAEV, Andrei
17:48	[263] CP-violation and renormalization group effects in the Higgs alignment limit of the MSSM	FEDOTOVA, Elena
18:00	[264] keV dark matter in the Minimal left-right symmetric model with TeV scale gauge bosons	FEDOTOVA, Elena
18:12	[68] Recent progress in Asymptotic safety	MUKHAEVA, Alfiia
18:24	[83] Effective potentials in LLA for diverse non-renormalisable models in the large N limit	IAKHIBBAEV, Ravil
18:36	[170] An Improved String Hadronization Model: ATROPOS	NIKOLAENKO, Roman

Friday 25 October 2024

HEP Theory - Moskvorechye 2 (09:00-11:00)

-Conveners: Petr Satunin

time	[id] title	presenter
09:00	[130] Multiplicity fluctuations in the string model in pp collisions at LHC energies	BELOKUROVA, Svetlana
09:15	[145] Quark counting rules for the production of cumulative pions with large transverse momenta	YURCHENKO, Semyon
09:30	[21] Inverse gluon emission in dilepton production at CMS LHC	ZYKUNOV, Vladimir
09:45	[23] Exact calculation of photon polarization observables in Bethe-Heitler process	BYSTRITSKIY, Yury
10:00	[88] Associated J/ψ and photon production in the Parton Reggeization Approach at high energy	ALIMOV, Lev
10:15	[123] Small- p_T production of J/ψ mesons within Soft Gluon Resummation Approach	SHILYAEV, Kirill
10:30	[47] Mueller-Navelet dijet production in the High-Energy Factorization approach	Mr. CHERNYSHEV, A.
10:45	[230] Manifestation of the neutrino magnetic moments in the high-energy neutrinos flavour ratios	POPOV, Artem

HEP Theory - Moskvorechye 2 (11:30-13:30)

-Conveners: Maxim Dvornikov

time	[id] title	presenter
11:30	[61] Interacting color strings approach to describe puzzling long-range azimuthal correlations in p+p data	PROKHOROVA, Daria
11:45	[111] Double spin correlations in the reaction $dd \rightarrow pnpn$ and elastic proton-nucleon scattering at large angles	UZIKOV, Yuriy
12:00	[119] Hypothetical Lorentz invariance violation and the muon content of extensive air showers	Mr. SHAROFEEV, Andrey
12:15	[299] Cross channel properties of the photon generalized parton distributions	GABDRAKHMANOV, Ilnur
12:30	[267] Generalization of Heitler model for electromagnetic cascade	SELIVANOV, Yuri
12:45	[66] Particle production in intensive plane wave background	DMITRIEVA, Ekaterina
13:00	[307] Double Assisted Schwinger effect	Dr. SATUNIN, Petr
13:15	[219] Semileptonic decays of charm mesons into orbitally and radially excited strange and light mesons	Mr. SUKHANOV, Ivan