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The 6th international conference on particle physics and astrophysics

Wednesday 30 November 2022

High Energy Physics: Theory: Session 1 - Petrovskiy 1 (11:00-13:00)

-Conveners: Mikhail Vysotsky

time	[id] title	presenter
11:00	[170] NNLO QCD predictions of charge asymmetry distributions for inclusive W-boson hadroproduction	OCALAN, Kadir
11:15	[75] On the fixation of the uncertainties to the running top-quark mass in the electro-weak sector	KATAEV, Andrei
11:30	[86] Analysis of the Third Harmonic of a Vacuum Response in a Subcritical Laser Field	DMITRIEV, Vadim SMOLYANSKY, Stanislav
11:45	[280] Photon Polarization Operator in External Electromagnetic Field with Account of Virtual-Fermion AMM	DOBRYNINA, Alexandra
12:00	[91] Loop corrections to cosmological particle creation	Mr. ANEMPODISTOV, Prokopii
12:15	[213] Electroweak corrections to dilepton production via photon fusion at LHC	ZYKUNOV, Vladimir
12:30	[237] The lowest order radiative corrections to the lepton current in polarized SIDIS	Dr. ILYICHEV, Alexander
12:45	[238] Radiation of a twisted neutron in the presence of a dispersion medium	Mr. LAZARENKO, George

High Energy Physics: Theory: HT Session 2 - Petrovskiy 1 (18:00-20:15)

-Conveners: Anatoly Kotikov

time	[id] title	presenter
18:00	[165] Soliton configurations and ground states in maximal gauged supergravity	Dr. GALLERATI, Antonio
18:15	[66] Little String Theory, Holography and the Non-Abelian Vortex String in $\mathcal{N}=2$ supersymmetric QCD	IEVLEV, Evgenii
18:30	[190] Catalytic effect on pion decay caused by monopole and instanton creations in QCD	HASEGAWA, Masayasu
18:45	[203] An Effective Field Theory for Large Oscillons	MASLOV, Vasily
19:00	[260] Landau-Khalatnikov-Fradkin transformation and a mystery of even zeta-values	Dr. KOTIKOV, Anatoly
19:15	[268] Proof to count bound state nodes in supersymmetric quantum mechanics	AYNBUND, Asya
19:30	[340] Nonperturbative corrections and checking of the hypothesis of vacuum dominance	KOZHEVNIKOVA, Marina
19:45	[25] Coherent radiation of photons by particle wave packets	Mr. SOLOVYEV, Timofey
20:00	[310] Cornwall-Jackiw-Tomboulis effective action in (2+1)-dimensional models	ZHOKHOV, Roman

Thursday 01 December 2022

High Energy Physics: Theory: Session 3 - Petrovskiy 1 (11:00-13:00)

-Conveners: Alexander Parkhomenko

time	[id] title	presenter
11:00	[137] Constraints on New Physics in $b \rightarrow s\nu\nu$ decays	MUKHAEVA, Alfiia
11:15	[52] Associated quarkonia production in a single boson e^+e^- annihilation	Mr. LESHCHENKO, Evgeny
11:30	[80] Pair production of heavy quarkonia in the color evaporation model	SALEEV, Vladimir
11:45	[284] Ratios of Hidden-Charm Pentaquark Decay Widths in Compact Diquark Model	PARKHOMENKO, Alexander
12:00	[222] The contribution of $\psi(3770)$ charmonium in baryon-antibaryon production in electron-positron annihilation	BYSTRITSKIY, Yury
12:15	[241] Fully-heavy tetraquarks in the relativistic diquark-antidiquark picture	Ms. SAVCHENKO, Elena
12:30	[54] Relativistic theory of paired heavy meson and baryon production	MARTYNENKO, Alexei
12:45	[282] Single top quark production at ultra-high energies	OKOROKOV, Vitalii

High Energy Physics: Theory: Session 4 - Petrovskiy 1 (17:30-20:00)

-Conveners: Vakhid Gani

time	[id] title	presenter
17:30	[28] A Model of Neutrino Masses	AKINTO, Olakanmi
17:45	[201] A non-minimal approximation for the see-saw mechanism type I	FEDOTOVA, Elena
18:00	[220] Resonant channels in interactions of neutrinos with photons	ALIKHANOV, Ibragim
18:15	[147] Towards studies of 2-particles Pt correlations in hadronic interactions at NICA	Dr. GALOYAN, Aida Dr. UZHINSKY, Vladimir
18:30	[148] Towards studies of QGP at NICA	Dr. UZHINSKY, Vladimir
18:45	[296] Model analysis of transverse momentum fluctuations in NICA and SPS energy range	ZVIAGINA, Agniia
19:00	[211] Interacting color strings approach in modeling of rapidity correlations	PROKHOROVA, Daria
19:15	[216] Probing the String Clustering Model in pp interactions at LHC energies	Prof. VECHERNIN, Vladimir
19:30	[290] Correction to Bjorken energy density calculations for central A-A collisions	SHAPOSHNIKOVA, Olga
19:45	[243] The next-to-leading BFKL for Mueller-Navelet dijets with large rapidity separation and jet veto	EGOROV, Anatolii