

Moscow International School of Physics 2024

Friday 01 March 2024

Young Scientist Forum (20:00-21:12)

time	title	presenter
20:00	Charged particles pair production in proton-proton collision via photon-photon and photon-Z fusion	KARKARYAN, Evgeny
20:12	Relic gravitational wave conversion into photons in the intergalactic magnetic field	PANASENKO, Lyubov
20:24	Probing intermediate-scale Froggatt-Nielsen models at future gravitational wave observatories	Mr RINGE, Dhruv
20:36	CP-violation measurement in D0-meson decay at CMS experiment	SERGEYCHIK, Vladimir
20:48	Dark photon production via proton bremsstrahlung	Ms KRIUKOVA, Ekaterina
21:00	Studies of Xi _b baryons spectroscopy	Mr IVANOV, Kirill

Sunday 03 March 2024

Young Scientist Forum (17:30-18:42)

time	title	presenter
17:30	Observation of the $\Lambda_0 b \rightarrow J/\psi \Xi^- K^+$ decay	SERGEEV, Maksim
17:42	New Physics at NICA	Mr KALASHNIKOV, Dmitry
17:54	Study of the $B_s \rightarrow J/\psi \phi \phi$ decay	SEDELNIKOV, Alexander
18:06	Manifestation of the electric dipole moment in the decays of τ leptons produced in e^+e^- annihilation	OBRAZTSOV, Ivan
18:18	The branching fractions measurements of $J/\psi \rightarrow \pi^+ \pi^- \eta$ and $J/\psi \rightarrow K^+ K^- \eta$ at KEDR	KYSHTYMOV, Dmitry
18:30	Supernova neutrino oscillations and leptonic CP-violation	POPOV, Artem

Monday 04 March 2024

Young Scientist Forum (17:30-18:30)

time	title	presenter
17:30	Cosmological Constant Suppression in Non-Stationary Scalar Covariant State	AYNBUND, Asya
17:42	Search for the light invisible axion-like particle in $K^+ \rightarrow \pi^+ \pi^0 a$ decay	Mr TIURIN, I.S.
17:54	The scaling limit of the XXZ spin chain and integrable structures in CFT	GUSEV, Ivan
18:06	Early universe phase transition within holographic composite Higgs model	Mr SHAVRIN, Andrey

Tuesday 05 March 2024

Young Scientist Forum (10:00-11:00)

time	title	presenter
10:00	Monte-Carlo simulation of processes with heavy neutrino exchange on lepton colliders	VASENIN, Egor
10:12	And Then Everything Exploded: Exploring the H0 Tension	NEDELKO, Nikita
10:24	Development of the NTSim Software Package for Designing Neutrino Telescopes and Evaluating Detection of Neutrino-Induced Events in the Baikal-GVD Experiment	ZAVYALOV, Sergey
10:36	Polyvector deformations of IIB supergravity solutions	PETROV, Timofey
10:48	Search for the new decay of Lambda_b with X3872 in the final state	TULUPOV, Aleksandr

Young Scientist Forum (17:30-18:30)

time	title	presenter
17:30	Effective lifetime measurement of Bs0 meson using Bs0->JPsiKs0 channel	Ms SADANGI, Priyanka
17:42	Non-thermal WIMPy Baryogenesis with Primordial Black Hole	LKHAGVADORJ, Erdenebulgan
17:54	The eigenvalue spectrum of a large real antisymmetric random matrix with non-zero mean	MESHCHERIAKOV, Pavel
18:06	Evolution of the background with time in the ν GeN experiment	KONOVALOV, Alexey
18:18	Spin-parity measurement of J/psi J/psi structures	WANG, Xining