

International Conference on Quantum Field Theory, High-Energy Physics, and Cosmology

Sunday, July 17, 2022 - Friday, July 22, 2022

**BLTP, JINR
Program**

Sunday, July 17, 2022

Arrival (9:00 AM - 8:00 PM)

Registration (8:00 PM - 10:00 PM)

Monday, July 18, 2022

Registration (9:00 AM - 9:45 AM)

Opening (9:45 AM - 10:00 AM)

Plenary Session: Kazakov D. (Jul 18, 2022, 10:00 AM - 11:20 AM)

time	[id] title	presenter
10:00	P10 Gravitational-wave astronomy: astrophysical and cosmological inferences	POSTNOV, Konstantin
10:40	P11 Dark Matter and Cosmology	GORBUNOV, Dmitry

Coffee break (11:20 AM - 11:50 AM)

Collider Physics and 3D Hadron Structure: Kotikov A. - Auditorium, 2nd floor (Jul 18, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	P12 Regge cuts in QCD	FADIN, Victor
12:20	P13 On Asymptotic Universality of Strong Interactions at Large Distances	PETROV, Vladimir

Dark Matter and Cosmology: Baushev A. - Blokhintsev Hall (Jul 18, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	P14 Weyl Cosmology and Particle Production	BEREZIN, Victor
12:20	P15 Anti-de Sitter neutron stars in the theory of gravity with nonminimal derivative coupling	KASHARGIN, Pavel SUSHKOV, Sergey

Quantum Field Theory and Gravity: Makeenko Yu. - Conference Hall (Jul 18, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	P16 Generalizing generalized supergravity	MUSAEV, Edvard
12:20	P17 Critical non-Abelian vortices and holography for little string theory	YUNG, Alexei

Lunch (12:50 PM - 2:00 PM)

Collider Physics and 3D Hadron Structure: Fadin V. - Auditorium, 2nd floor (Jul 18, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00	P18 Triple top quark production	DUDKO, Lev
2:30	P19 Dark Matter Search at the LHC	SAVINA, Maria
3:00	P20 Unitary limitations of the SMEFT approach in describing new physics in top quark production.	BUNICHEV, Viacheslav
3:30	P21 Pair production of J/psi in the color evaporation model using the Parton Reggeization Approach	SALEEV, Vladimir

QCD at high temperature and density: Ivanov M. - Blokhintsev Hall (Jul 18, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
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2:00 P	[M12] A better constraint on neutron-antineutron oscillations .. without a new experiment (online)	NESVIZHEVSKY, Valery
2:30 P	[M13] Electromagnetic conductivity of quark-gluon plasma under extreme conditions	BRAGUTA, Victor
3:00 P	[M22] Quantum and classical local P-violation	TERYAEV, Oleg
3:30 P	[M16] Gravitational chiral anomaly and anomalous transport	PROKHOROV, George ZAKHAROV, Valentin

Quantum Field Theory and Gravity: Alekseev S. - Conference Hall (Jul 18, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 P	[M16] Canonical Bigravity	SOLOVIEV, Vladimir
2:30 P	[M18] Geometric transitions in systems with spatial periodicity	MARACHEVSKY, Valery
3:00 P	[M17] What quantum strings can tell us about quantum gravity	MAKEENKO, Yuri
3:30 P	[M15] Geodesic Deviation and Tidal Accelerations in Gravitational Waves of the Bianchi Universes	OSETRIN, Konstantin

Photo (4:00 PM - 4:20 PM)

Collider Physics and 3D Hadron Structure: Dudko L. - Auditorium, 2nd floor (Jul 18, 2022, 4:20 PM - 6:00 PM)

time	[id] title	presenter
4:20 P	[M19] Pair quarkonium production in Higgs boson decay	MARTYNENKO, Alexei
4:40 P	[M1] Odderon and three-pomeron one-dimensional reggeon models	KUZMINSKII, Evgenii
5:00 P	[M19] Hybrid model of proton structure functions	BARINOV, Vladislav
5:20 P	[M13] Limits on coupling constants of SMEFT operators from processes of 3 and 4 top-quark production	ALESHKO, Aleksey
5:40 P	[M144] Energy levels of three - particle muon - electron ions	MARTYNENKO, Fedor

QCD at high temperature and density: Braguta V. - Blokhintsev Hall (Jul 18, 2022, 4:20 PM - 6:00 PM)

time	[id] title	presenter
4:20 P	[M03] The double Compton process in a strongly magnetized plasma (online)	RUMYANTSEV, Dmitry
4:40 P	[M01] Phase diagram of rotating QCD from lattice simulations with dynamical quarks	ROENKO, Artem
5:00 P	[M02] Roberge-Weiss Transition in the Lee-Yang approach	ROMAN, Rogalyov
5:20 P	[M00] Dense QCD in magnetic field	RANNU, Kristina
5:40 P	[M16] Influence of the magnetic field and rotation on heavy mesons in medium.	LUSCHEVSKAYA, Elena

Quantum Field Theory and Gravity: Golubtsova A. - Conference Hall (Jul 18, 2022, 4:20 PM - 6:00 PM)

time	[id] title	presenter
4:20 P	[M17] Scattering of EM and Gravity Waves by Null Cosmic Strings	FURSAEV, Dmitri PIROZHENKO, Irina
4:40 P	[M15] Canonical quantization of a massive scalar field in the Schwarzschild spacetime	SMOLYAKOV, Mikhail

5:00 P	[M6] Black bounces and remnants in dilaton gravity	FITKEVICH, Max
5:20 P	[M2] FeynGrav. FeynCalc extension for gravity amplitudes	LATOSH, Boris
5:40 P	[M7] Black hole astrophysics in extended gravity models.	ALEXEYEV, Stanislav PROKOPOV, Vjacheslav

Welcome party (BLTP, Cafeteria) (6:00 PM - 7:30 PM)

Tuesday, July 19, 2022

Plenary Session: Boos E. (Jul 19, 2022, 10:00 AM - 11:20 AM)

time	[id] title	presenter
10:00	A10] High-energy neutrino astrophysics	TROITSKY, Sergey
10:40	A5] Progress in multiloop calculations	LEE, Roman

Coffee break (11:20 AM - 11:50 AM)

Collider Physics and 3D Hadron Structure: Arbuzov A. - Auditorium, 2nd floor (Jul 19, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	A6] BSM physics at future colliders	KISSELEV, Alexander
12:20	P12] Searches for New Physics with the CMS Experiment at the LHC	SHMATOV, Sergei

Dark Matter and Cosmology: Baushev A. - Blokhintsev Hall (Jul 19, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	A18] Before inflation	STAROBINSKY, Alexei
12:20	P3] The crucial importance of black hole images for cosmology (online)	DOKUCHAEV, Vyacheslav

Quantum Field Theory and Gravity: Berezin V. - Conference Hall (Jul 19, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	A20] Horava gravity as Palladium of renormalizability and unitarity	BARVINSKY, Andrei
12:20	P31] Sigma models as Gross-Neveu models	BYKOV, Dmitri

Lunch (12:50 PM - 2:00 PM)

Collider Physics and 3D Hadron Structure: Kerbikov B. - Auditorium, 2nd floor (Jul 19, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00	F45] Heavy tetraquarks in the relativistic quark model	FAUSTOV, Rudolf
2:30	F127] Strongly intense observable as a tool to study the string clusters formation in pp interactions at LHC energies	VECHERNIN, Vladimir
3:00	F107] Hadron interaction at large distances and new peculiarities of the differential cross sections at LHC energies.	SELYUGIN, Oleg
3:30	F11] Four-Quark Nature of Light Scalar Mesons (online)	ACHASOV, Nikolay

Dark Matter and Cosmology: Postnov K. - Blokhintsev Hall (Jul 19, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00	F132] Quantum explosions of black holes (online)	VOLOVICH, Igor
2:30	F135] The Galactic Center and M87*: observations and their interpretations	ZAKHAROV, Alexander
3:00	F129] One parametric extensions of the Starobinsky inflationary model	VERNOV, Sergey
3:20	F124] Multidimensional cosmology in Gauss-Bonnet gravity	TOPORENSKY, Alexey

3:40 P	[M16] Spherically symmetric black holes and physical vacuum	IVANOVA, Inna
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Quantum Field Theory and Gravity: Isaev A. - Conference Hall (Jul 19, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 P	[M10] Presymplectic structures and BV formalism beyond jet-bundles	GRIGORIEV, Maxim
2:30 P	[M117] From 4d superconformal indices to 6j-symbols for Lorentz group	SPIRIDONOV, Vyacheslav
3:00 P	[M167] Two-loop diagrams in non-relativistic QCD with elliptics	KOTIKOV, Anatoly
3:30 P	[M121] Evaluating four-photon amplitudes by functional reduction method	TARASOV, Oleg

Coffee break (4:00 PM - 4:30 PM)

Collider Physics and 3D Hadron Structure: Saleev V. - Auditorium, 2nd floor (Jul 19, 2022, 4:30 PM - 7:00 PM)

time	[id] title	presenter
4:30 P	[M143] A new type of (quasi)parton distributions.	ANIKIN, Igor
5:00 P	[M12] Confinement potential of the Cornell type from holographic approach to QCD	AFONIN, Sergey
5:20 P	[M146] Dominant radiative transitions of the low-lying charmonium excited states	GANBOLD, Gurjav
5:40 P	[M10] Nonlocal gluon condensate	PIMIKOV, Alexandr
6:00 P	[M48] Charged particles pair production in pp scattering: survival factor and proton tagging	GODUNOV, Sergey
6:20 P	[M133] "Solution of the kinetic equation taking into account resonant the Compton process in a magnetized medium"	YARKOV, Alexey

Dark Matter and Cosmology: Zakharov A. - Blokhintsev Hall (Jul 19, 2022, 4:30 PM - 6:30 PM)

time	[id] title	presenter
4:30 P	[M17] Particle shadows of black holes and new characteristic surfaces	GALTISOV, Dmitry BOGUSH, Igor
4:50 P	[M125] Bianchi I cosmological solutions in teleparallel gravity.	TRETYAKOV, Petr
5:10 P	[M108] Spiral Structure of Galaxies in Generalized Gravitational Theories	PRONIN, Petr
5:30 P	[M14] Einstein-Gauss-Bonnet inflation	POZDEEVA, Ekaterina
5:50 P	[M109] Gravitational waves from first-order electroweak phase transition in a model with light sgoldstinos	KRIUKOVA, Ekaterina
6:10 P	[M138] Romancing the Hubble: State of the "H0 Problem"	NEDELKO, Nikita

Quantum Field Theory and Gravity: Tarasov O. - Conference Hall (Jul 19, 2022, 4:30 PM - 6:30 PM)

time	[id] title	presenter
4:30 P	[M14] Three loop spectral density and moments of photon polarization function in QED	ONISHCHENKO, Andrei
4:50 P	[M14] Differential equation derivation for Feynman integrals	BYTEV, Vladimir
5:10 P	[M15] Exact Frobenius solutions for elliptic Feynman integrals	BEZUGLOV, Maxim
5:30 P	[M111] Multiloop calculations in N=1 SQED with N_f flavours regularized by higher derivatives	SHIROKOV, Ilya

5:50 PM	[10] UV Divergences of Scattering Amplitudes in D-dimensional Yang-Mills Theories	BORLAKOV, Arthur
6:10 PM	[128] Fermionic contribution to anomalous dimension of twist-2 operators in N=4 SYM theory	VELIZHANIN, Vitaly

Wednesday, July 20, 2022

Plenary Session: Rubakov V. (Jul 20, 2022, 10:00 AM - 11:20 AM)

time	[id] title	presenter
10:00	P11 Recent results from LHC experiments	MYAGKOV, Alexey
10:40	P12 Neutrino oscillation results and search for neutrino sterile states	OLSHEVSKIY, Alexander

Coffee break (11:20 AM - 11:50 AM)

Dark Matter and Cosmology: Pukhov A. - Blokhintsev Hall (Jul 20, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	P13 The Hubble stream near a galaxy group: the exact analytical solution for the spherically-symmetric case and the group mass determination	BAUSHEV, Anton
12:20	P14 Can the multicomponent dark matter be visible due to inner luminescence? (online)	BEYLIN, Vitaly

Neutrino Physics and Non-Accelerator Physics: Olshevskiy A. - Auditorium, 2nd floor (Jul 20, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	P15 Analysis of the result of the Neutrino-4 experiment in conjunction with other experiments on the search for sterile neutrinos	SEREBROV, Anatolii SAMOILOV, Rudolf
12:20	P16 Improved cosmological bounds for keV sterile neutrinos	DUBININ, Mikhail

Quantum Field Theory and Gravity: Grigoriev M. - Conference Hall (Jul 20, 2022, 11:50 AM - 12:50 PM)

time	[id] title	presenter
11:50	P17 Conformal triangles and zig-zag diagrams	ISAEV, Alexey
12:20	P18 Basso-Dixon diagrams	DERKACHOV, Sergey

Lunch (12:50 PM - 2:00 PM)

Dark Matter and Cosmology: Smolyakov M. - Blokhintsev Hall (Jul 20, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00	P19 Probing Light Dark Matter with NA64	KIRPICHNIKOV, Dmitry KRASNIKOV, Nikolai
2:30	P20 Solar mass black holes from neutron stars and bosonic dark matter	LEVKOV, Dmitry
3:00	P21 Аналитический анализ возникновения core или cusp распределений материи в галактиках	KAPUSTIN, A.D. PASTON, Sergey
3:30	P22 Manifestation of dark matter axions in spin effects in storage rings	SILENKO, Alexander

Neutrino Physics and Non-Accelerator Physics: Dubinin M. - Auditorium, 2nd floor (Jul 20, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00	P23 Neutrino spin and flavor oscillations in gravitational fields	DVORNIKOV, Maxim

2:30 P	[M131] Quantum field-theoretical description of neutrino oscillations in terms of distance-dependent propagators	VOLOBUEV, Igor
3:00 P	[M14] Нарушение Т-инвариантности в осцилляциях нейтрино в плотной среде и электромагнитном поле	LOBANOV, Andrey
3:30 P	[M15] Supernova dynamo effect in neutrino spectra and perspective of observations by large volume telescopes	KONDRATYEV, Vladimir

Quantum Field Theory and Gravity: Onishchenko A. - Conference Hall (Jul 20, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 P	[M15] Large charge expansion in quantum field theory	ANTIPIN, Oleg
2:30 P	[M19] Infrared properties of five-point massive amplitudes in N=4 SYM on the Coulomb branch (online)	BORK, Leonid
3:00 P	[M23] All-loop quantum contribution to effective potentials	TOLKACHEV, Denis KAZAKOV, Dmitry
3:30 P	[M16] Analytic infinite derivative QFTs and gravity theories (online)	KOSHELEV, Alexey

Poster Session & Coffee (Jul 20, 2022, 4:00 PM - 4:40 PM)

time	[id] title	presenter
4:00 P	[M149] Notes on peculiarities of quantum fields in space-times with horizons	BAZAROV, Kirill
4:05 P	[M154] Thermalization with non-zero anomalous quantum averages	KAZARNOVSKII, Kirill
4:10 P	[M150] Testing universal dark-matter caustic rings with galactic rotation curves	DAVYDOV, Daniil
4:15 P	[M165] Relativistic GL(NM,C) Gaudin models on the elliptic curve	TRUNINA, Elizaveta
4:20 P	[M151] Free energy and entropy in Rindler and de Sitter space-times	DIAKONOV, Dmitrii
4:25 P	[M156] Towards new tests of cosmic-ray correlations with BL Lac type objects	KUDENKO, Maria
4:30 P	[M152] Energy levels of three-particle systems in quantum electrodynamics	ESKIN, Alexey

Dark Matter and Cosmology: Levkov D. - Blokhintsev Hall (Jul 20, 2022, 4:40 PM - 6:00 PM)

time	[id] title	presenter
4:40 P	[M149] micrOmegas, a package for calculation of Dark Matter observables	PUKHOV, Alexander
5:00 P	[M136] Bounds to dark axion portal	ZHEVLAKOV, Alexey
5:20 P	[M17] Millicharged particles at Super Charm-Tau Factory	KALASHNIKOV, Dmitry
5:40 P	[M126] Prospects for Dark Matter Search at the Super c-tau Factory	TRYKOV, Sergei

Neutrino Physics and Non-Accelerator Physics: Volobuev I. - Auditorium, 2nd floor (Jul 20, 2022, 4:40 PM - 6:00 PM)

time	[id] title	presenter
4:40 P	[M169] Neutrino mass via chiral symmetry breaking	KOVALENKO, Sergey
5:00 P	[M1] Description of neutrino propagation processes in a highly inhomogeneous medium within the framework of the model of quantum spinor field system with singular potentials.	PISMAK, Yury M.
5:20 P	[M18] Revisiting PS191 limits on sterile neutrinos	KRASNOV, Igor
5:40 P	[M139] Large neutrino mixing from the evolution of the renormalization group in the superweak theory	DAS, Chitta Ranjan

Quantum Field Theory and Gravity: Antipin O. - Conference Hall (Jul 20, 2022, 4:40 PM - 6:00 PM)

time	[id]	title	presenter
4:40 PM	[164]	Two-loop contribution to the pure Yang-Mills effective action	IVANOV, Aleksandr
5:00 PM	[144]	Numerical results for multiparticle production in ϕ^4 theory	FARKHTDINOV, Bulat
5:20 PM	[161]	Exact amplitudes in various conformal fishnet theories	IAKHIBBAEV, Ravil
5:40 PM	[168]	Large charge expansion meets epsilon expansion at six loops	PIKELNER, Andrey

Banquet (7:00 PM - 10:00 PM)

Thursday, July 21, 2022

Plenary Session: Teryaev O. (Jul 21, 2022, 10:00 AM - 10:40 AM)

time	[id] title	presenter
10:00	A10 Progress in understanding of physics at high temperature and density (online)	LEONIDOV, Andrei

Poster Session & Coffee (Jul 21, 2022, 10:40 AM - 11:20 AM)

time	[id] title	presenter
10:40	A109 The circumgalactic medium contribution to IceCube's astrophysical neutrino flux	MARTYNENKO, Nickolay
10:45	A110 Energy-dependent flavor ratios, cascade/track spectrum tension and high-energy neutrinos from magnetospheres of supermassive black holes	RIABTSEV, Kirill
10:50	A113 Energy Loss in Strong Magnetic Field	SLEPOV, Pavel
10:55	A114 Modelling gravitational wave emission in the post-inflationary Universe	SUZDALOV, Gleb
11:00	A113 Novel integrable structure and deformations in AdS_n string backgrounds	PRIBYTOK, Anton
11:05	A118 Q-balls of dark matter and LIGO/VIRGO gravitational wave signals	LIBANOV, Alexander
11:10	A111 Probing axion-like particles with superconducting cavities	SALNIKOV, Dmitry
11:15	A112 The Diffuse Supernova Neutrino Background in the Standard and Double Collapse Models	SHAROFEEV, Andrey

Collider Physics and 3D Hadron Structure: Anikin I. - Auditorium, 2nd floor (Jul 21, 2022, 11:20 AM - 12:50 PM)

time	[id] title	presenter
11:20	A119 Recent Results from the CMD-3 detector at VEPP-2000 collider	LUKIN, Peter
11:50	A120 Experimental opportunities for new physics at Nuclotron-NICA	TARANENKO, Arkadiy
12:20	P11 Tetraquark Interpretation of $\Upsilon_b(10750)$ and Its Production at the LHC	PARKHOMENKO, Alexander

QCD at high temperature and density: Afonin S. - Blokhintsev Hall (Jul 21, 2022, 11:20 AM - 12:50 PM)

time	[id] title	presenter
11:20	A116 Parton density functions in QED	ARBUZOV, Andrej
11:50	A117 Radiation of an electron in a Lorentz-violating vacuum	BORISOV, Anatoly
12:20	P11 Entanglement entropy in heavy ion collisions (online)	AREF'EVA, Irina

Quantum Field Theory and Gravity: Paston S. - Conference Hall (Jul 21, 2022, 11:20 AM - 12:50 PM)

time	[id] title	presenter
11:20	A115 Unconstrained $\mathcal{N}=2$ higher-spin gauge superfields and their hypermultiplet couplings	IVANOV, Evgeny ZAIGRAEV, Nikita
11:50	A119 Stability and bifurcations of holographic RG flows of 3d SUGRA	GOLUBTSOVA, Anastasia
12:20	P11 Path integrals in quantum gravity models	BELOKUROV, Vladimir

Lunch (12:50 PM - 2:00 PM)

Collider Physics and 3D Hadron Structure: Parkhomenko A. - Auditorium, 2nd floor (Jul 21, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[M5] Role of initial state gluon emissions in double J/psi production at central rapidities	PROKHOROV, Andrei
2:30 PM	[M3] Testing of the Realism Hypothesis in the neutral B-mesons pairs.	NIKITIN, Nikolay
3:00 PM	[M3] Anomalies in B-physics	IVANOV, Mikhail
3:30 PM	[M0] Nuclear effects in DIS and their impact on global QCD analyses (online)	KULAGIN, Sergey

QCD at high temperature and density: Godunov S. - Blokhintsev Hall (Jul 21, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[M2] Sound Anomalies in Quark Matter with Application to Neutron Stars	KERBIKOV, Boris
2:30 PM	[M09] QED at strong and supercritical fields with heavy ions	SHABAEV, Vladimir
3:00 PM	[M05] Resonant generation of high-order harmonics in nonlinear electrodynamics	SATUNIN, Petr
3:30 PM	[M6] The equation for the probability of quantum transitions with multipoint correlations and stochastic processes in the space of joint events.	BIRYUKOV, Alexandr

Quantum Field Theory and Gravity: Musaev E. - Conference Hall (Jul 21, 2022, 2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[M3] Invariant traces of the flat space chiral higher-spin algebra as scattering amplitudes	PONOMAREV, Dmitry
2:30 PM	[M14] Solutions of pentagon identity and multidimensional orthogonal polynomials	SLEPTSOV, Alexey
3:00 PM	[M1] Chern-Simons action, 't Hooft-Polyakov monopole, and point disclinations in the Geometric theory of defects	KATANAEV, Mikhail
3:30 PM	[M7] Invariant Differential Operators: Recent Developments (online)	DOBREV, Vladimir

Coffee break (4:00 PM - 4:30 PM)**Collider Physics and 3D Hadron Structure: Nikitin N. - Auditorium, 2nd floor (Jul 21, 2022, 4:30 PM - 6:10 PM)**

time	[id] title	presenter
4:30 PM	[M10] Double longitudinal-spin asymmetries in direct photon production at NICA	SHIPILOVA, Alexandra
4:50 PM	[M8] On transverse single-spin asymmetries in D-meson production at the SPD NICA experiment	KARPISHKOV, Anton
5:10 PM	[M37] Polarization of lambda hyperons in Au-Au collisions at NICA energies	ZINCHENKO, Aleksei
5:30 PM	[M41] Rare decays of neutral B – mesons into four charged leptons in the Standard Model (online)	DANILINA, Anna
5:50 PM	[M66] "	

Dark Matter and Cosmology: Davydov E. - Blokhintsev Hall (Jul 21, 2022, 4:30 PM - 6:10 PM)

time	[id] title	presenter
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4:30 PM	[108] Self-tuning inflation	PETRIAKOVA, Polina
4:50 PM	[119] Null cosmic strings and space-time content	TAINOV, Vladislav
5:10 PM	[142] Polarization of gravitational waves in hybrid metric-Palatini $f(R)$ -gravity	DYADINA, Polina
5:30 PM	[145] Generating cosmological perturbations at Horndeski bounce	RUBAKOV, Valery AGEEVA, Yulia
5:50 PM	[118] Inflation in scalar-tensor theory with nonminimal kinetic coupling	AVDEEV, Nikita

Quantum Field Theory and Gravity: Kataev A. - Conference Hall (Jul 21, 2022, 4:30 PM - 6:10 PM)

time	[id] title	presenter
4:30 PM	[100] The β -expansion for Adler function, Bjorken Sum Rule, and the Crewther-Broadhurst-Kataev relation at order $O(\alpha_s^4)$	MIKHAILOV, Sergei
4:50 PM	[130] Renormalon-chain contributions to two-point correlators of nonlocal quark currents	VOLCHANSKIY, Nikolay
5:10 PM	[100] On the impact of the EW corrections to the relation between pole and running masses of top-quark: three different approaches to fixing VEV	MOLOKOEDOV, Victor
5:30 PM	[102] The decays $\tau \rightarrow (a_1 \pi, K_1 \pi, K_1 K) \nu$ and $e^+e^- \rightarrow (a_1 \pi, K_1 K)$ in the NJL model	PIVOVAROV, Aleksey VOLKOV, Mikhail
5:50 PM	[140] Classical and quantum chaos in nonlinear vector mechanics	TRUNIN, Dmitrii

Closing (6:10 PM - 6:30 PM)

Friday, July 22, 2022

Departure - Conference Hall (9:00 AM - 7:00 PM)