09:30-09:45	Registration	
09:45-10:00	Opening	
10:00-10:30	Bounce, genesis: how did the Universe start Valery Rubakov (Institute for Nuclear Research of the Russian Academy of Sciences)	
10:30-11:00	Model with an induced spontaneously broken symmetry chain Eduard Boos (Moscow State University, SINP MSU)	
11:00-11:30	Coffee	
11:30-12:00	Why quantum field theory in de Sitter space-time is far from being well understood Emil Akhmedov (MIPT and ITEP)	
12:00-12:30	QFT without infinities and hierarchy problem Mikhail Shaposhnikov (EPFL)	[Zoom]
12:30-13:00	Advances in supersymmetric QFT and deautonomization of integrable systems Andrei Marshakov (CAS, Skoltech)	
13:00-14:00	Lunch	
14:00-14:30	Multi-loop modularity David Broadhurst (Open University, UK)	[Zoom]
14:30-15:00	Hidden Sectors for Heterotic Theories and Gaugino Condensation Burt Ovrut (University of Pennsylvania)	[Zoom]
15:00-15:30	Perturbatively renormalizable quantum gravity Tim Morris (University of Southampton)	[Zoom]
15:30-16:00	Non-compact duality, super-Weyl invariance and effective actions Sergei Kuzenko (University of Western Australia)	[Zoom]
16:00-16:20	Group photo	
16:20-16:40	High precision tests of the Standard Model at future e+e- colliders Andrej Arbuzov (BLTP JINR)	
16:40-17:00	Neutrino oscillations in quantum field theory and the solar neutrino problem Igor Volobuev (SINP MSU)	[Zoom]
17:00-17:20	Ultraperipheral proton-proton collisions at the LHC: survival factor Evgenii Zhemchugov (Lebedev Physical Institute)	
17:20-17:40	GPDs in exclusive meson production. Sergey Goloskokov (JINR)	
17:40-18:00	Superconformal indices and integrable systems Vyacheslav Spiridonov (BLTP JINR)	
18:00-19:00	Welcome party	

12 October	Advances in Quantum Field Theory 2021	BLTP
12 October		
10:00-10:30	N=2 supersymmetric higher spins from harmonic superspace Evgeny Ivanov (BLTP JINR, Dubna)	
10:30-11:00	Quantum Trace Formulae for the Integrals of the Hyperbolic Ruijsenaars-Schne Gleb Arutyunov (Hamburg University)	ider model [Zoom]
11:00-11:30	Solving high-energy QCD: 35 years later Gregory Korchemsky (IPhT Saclay)	[Zoom]
11:30-12:00	Coffee	
12:00-12:30	On a structure of one- and two loop divergences in 6D maximally extended rigid supersymmetric Yang-Mills theory Ioseph Buchbinder (Tomsk State Pedagogical University)	
12:30-13:00	Post-Minkowskian expansion of Gravitational scattering from Scattering Amplitu Pierre Vanhove (IPhT CEA-Saclay)	des [Zoom]
13:00-14:00	Lunch	
14:00-14:30	Evaluating five-loop propagators Vladimir Smirnov (Skobeltsyn Institute of Nuclear Physics of Moscow State University)) [Zoom]
14:30-15:00	Factorization and Resummation at High Energy beyond the Leading Power Martin Beneke (TU Munich)	[Zoom]
15:00-15:20	Regge Limit of Gauge Theory Amplitudes beyond Leading Power Approximation Alexander Penin (University of Alberta)	[Zoom]
15:20-15:40	Quantum field theory and bound muons and electrons Andrzej Czarnecki	[Zoom]
15:40-16:00	Solution of differential equations for multiloop integrals with Libra package. Roman Lee	
16:00-16:30	Coffee	
16:30-16:50	Amplitudes in fishnet CFTs in diverce dimentions. Leonid Bork (ITEP, CFAR VNIIA)	
16:50-17:10	Basso-Dixon diagrams. Sergey Derkachov (PDMI)	
17:10-17:30	Difference equations and Integrability Andrei Onishchenko (BLTP JINR)	
17:30-17:50	Sunrise integrals in terms of elliptic polylogarithms Anatoly Kotikov (JINR)	
17:50-18:10	Quantum mechanics of radiofrequency-driven coherent beam oscillations in stor Nikolai Nikolaev (Landau Institute for Theoretical Physics)	age rings [Zoom]
18:10-18:30	Scattering iteratively with Volodya Smirnov Lance Dixon (SLAC)	[Zoom]

	Advances in Quantum Field Theory 2021	BLTP
13 October		
10:00-10:30	Physics with light Goldstino supermultiplet Dmitry Gorbunov (Institute for NUclear Research of the Russian Academy of sciences)
10:30-11:00	Light dark matter. NA64 experiment Nikolay Krasnikov (Institute for Nuclear Research RAS)	
11:00-11:30	Chiral effects in external gravitational field Valentin Zakharov	[Zoom]
11:30-12:00	Coffee	
12:00-12:30	Islands and Quantum Explosions of Black Holes Irina Aref'eva (Steklov Mathematical Institute)	
12:30-13:00	Primordial Antimatter (Possible Antistars in the Galaxy) Alexander Dolgov (Novosibirsk State University)	
13:00-14:00	Lunch	
14:00-14:20	What do we know and what do we not know on analytical structure of 5-loop Qu to analytical structure of D-function and Bjorken sum rule from the generalizat Crewther relation Andrei Kataev (INR RAS)	
14:20-14:40	Disentangling hot bosonic two-loop vacuum sum-integrals Andrei Davydychev (Moscow State University)	
14:40-15:00	3-Loop Heavy Flavor Corrections to Deep-Inelastic Scattering Johannes Bluemlein (DESY)	[Zoom]
15:00-15:20	Three-loop scattering amplitudes in QCD Lorenzo Tancredi	[Zoom]
15:20-15:40	The Nicolai map for supersymmetric Yang-Mills theory and application to the su Olaf Lechtenfeld (Leibniz University Hannover)	ipermembrane [Zoom]
15:40-16:00	New classes of dynamical systems with benign ghosts Andrei Smilga (University of Nantes)	
16:00-16:30	Coffee	
16:30-16:50	Bringing Yang-Mills Theory Closer to Quasiclassics Mikhail Shifman (Theoretical Physics Institute, University of Minnesota)	[Zoom]
16:50-17:10	Flux compactification for the critical non-Abelian vortex and quark masses Alexei Yung (Petersburg Nuclear Physics Institute)	[Zoom]
17:10-17:30	Advances in non-relativistic quantum gravity Eric Bergshoeff (University of Groningen)	[Zoom]
17:30-17:50	Path Integrals in Quadratic Gravity Vladimir Belokurov (Lomonosov Moscow State University, INR RAS)	
17:50-18:10	Exact β-functions in supersymmetric theories and the regularization by higher Konstantin Stepanyantz (Moscow State University)	derivatives
18:10-18:30	Gauge Field Theory Vacuum and Cosmological Inflation without Scalar Filed George Savvidy	
19:00-22:00	Banquet	

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14 Octob

14 October		
10:00-10:30	Series summation and optical theorem Oleg Teryaev (JINR)	
10:30-11:00	Instantons with Quantum Core Alexander Sorin (Joint Institute for Nuclear Research)	
11:00-11:30	Matrix and tensor models: recent progress Andrey Mironov (Lebedev Physical Institute, ITEP)	
11:30-12:00	Coffee	
12:00-12:30	Present status and the simplest models of the inflationary scenarioAlexei Starobinsky (Landau Institute for Theoretical Physics RAS and JINR)[Zoom]]
12:30-13:00	Higher-Spin Gauge Theory at Mature Age Mikhail Vasiliev (LPI)	
13:00-14:00	Lunch	
14:00-14:20	Adler function, Bjorken Sum Rule, the Crewther-Broadhurst-Kataev relation with different fermion representations of the gauge group of order $O(\alpha_s^4)$ and the $\{\beta\}$ -expansion Sergey Mikhailov (BLTP, JINR)	t
14:20-14:40	Two-loop Rational Terms[Zoom]Max Zoller (PSI, Switzerland)[Zoom]]
14:40-15:00	Loops and expansions[Zoom]Matthias Steinhauser (KIT)[Zoom]]
15:00-15:20	Functional reduction of Feynman integrals with masses Oleg Tarasov (JINR Dubna, Moscow Region, Russia)	
15:20-15:40	Correlators of heavy-light quark currents in HQET: OPE at 3 loopsAndrey Grozin (Budker Institute of Nuclear PhysicsKonstantin Chetyrkin (KIT, Germany)	l]
15:40-16:00	From toy models to beta-functions in arbitrary renormalizable QFT Andrey Pikelner (BLTP JINR)	
16:00-16:30	Coffee	
16:30-16:50	Predicting the sparticle mass scale in SUGRA models with degenerate vacua Roman Nevzorov (Lebedev Physical Institute of the Russian Academy of Sciences (LPI RAS))	
16:50-17:10	Quantization of 2+1 dimensional gravity and problem of central singularity in the BTZ black hol Aleksandr Andrianov (SPbSU)	е
17:10-17:30	Strings and SUSY breakingAugusto Sagnotti (Scuola Normale Superiore, Pisa, ITALY)[Zoom]]
17:30-17:50	Optical equations for null strings Dmitry Fursaev (Dubna State University and BLTP JINR)	
17:50-18:10	Estimates for transverse single-spin asymmetries in the hard processes at SPD NICA Vladimir Saleev (Samara National Research University)	
18:10-18:20	Closing	